



DEPARTMENT OF THE NAVY
COMMANDER NAVY REGION SOUTHWEST
937 NO. HARBOR DR.
SAN DIEGO, CALIFORNIA 92132-0058

SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD
IN REPLY REFER TO:
5090
2007 OCT -9 Ser N45JWB.RC/0364
October 9, 2007

Mr. John Robertus
Executive Officer
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA 92123

SUBJECT: THE PALMER HALL SANITARY SEWER OVERFLOW REVISED
INVESTIGATIVE ORDER AND NOTICE OF VIOLATION
R9-2006-0157

REF: CA:01-0863:rodrv ltr of July 30, 2007

Dear Mr. Robertus:

This letter and the following enclosures and information are provided in response to your July 30, 2007 letter requesting additional information related to the Palmer Hall sewer cross-connection. The due date for this requested data was extended to October 9, 2007.

You have requested information under three general categories. First, you have requested additional details regarding the Palmer Hall cross-connection. Second, you have requested details of the clean-up and mitigation plan; and third, you have requested the current status of follow-up reports or any unfinished investigations.

Palmer Hall Cross-Connection

The following timeline of events provides greater clarity into the circumstances leading up to the cross-connection.

02 Jul 02: The Palmer Hall BEQ contract was awarded to Soltek Pacific.

13 Dec 02: Soltek Pacific submitted a lay down request to Naval Base San Diego depicting the area affected by the project. The lay down shows the location of the project fence and the sewer tie-in location, located outside the project fence in a previously constructed parking lot. The storm drain which was eventually improperly tied into was also located outside the project fence line but closer to the fence than the sewer line. A copy of this request is provided.

03 Feb 03: Soltek Pacific's Quality Control Plan was approved by the government. Soltek's Control Plan is a three phase quality control, including preparatory, initial and follow-up phases.

Correspondence from the Public Works Officer's staff related to Palmer Hall site approval are submitted with this letter as well as the NAVFAC Instruction on the site approval process. Some of the Palmer Hall forms provided are site approval correspondence, and notices to proceed.

Correspondence related to technical review of plans and drawings by NAVFAC SW are also submitted.

05 Mar 03: RBF Engineering completed the final submittal construction drawings for Palmer Hall. Sheets C-3.1 and C-3.2 show the layout and connection of the site sewer main including the tie-in point to an existing sewer clean-out serving the nearby Snyder Hall barracks. The design called for the replacement of the existing sewer clean out with a sewer manhole. The existing sewer and storm drain lines run parallel to each other, approximately five feet apart at almost the same elevation below ground. The storm sewer clean-out and sanitary sewer clean-out were approximately 16 feet apart. The existing sewer line was 250 mm (10") PVC pipe. The existing storm drain was 305 mm (12") PVC pipe. A copy of the drawings showing this storm and sewer design are provided.

10 Mar 03: NAVFAC received 100% Plans and Specifications for Palmer Hall and issued Partial Notice-to-Proceed for the site utilities, including site sewer installation.

01 Apr 03: A Preparatory Meeting for Definable Feature of Work for the water distribution was held and covered trenching and placing of pipe; however, the testing and quality information was specific to water supply.

04 Apr 03: A Soltek Pacific subcontractor, David Shaposhinick, Inc., (DSI) indicated in their daily log that the sewer point of connection was 9" high at 4.25 m. This Invert Elevation is 9" higher than the final design construction drawing Invert Elevation for the new sewer connection manhole at 4.030 m.

16 Apr 03: A Soltek Pacific subcontractor, RBF Engineering (Consulting), surveyors staked out the sewer line on the North and East sides of the project.

21 Apr 03: Site sewer installation begins.

23 Apr 03: A Soltek Pacific subcontractor, DSI, excavates for the sewer main.

16 Jun 03: RBF Engineering restaked sewer line on west side and storm drain line on east and west sides of Palmer Hall.

26 Jun 03: DSI excavates and installs site sewer.

15 Jul 03: Clarification requested between RBF and Soltek regarding the sewer rim and curb elevations. This correspondence is provided.

24 Jul 03: RBF email to Soltek indicates RBF revised the top of curb and sewer rim elevations.

02 Oct 04: Navy accepted beneficial occupancy of Palmer Hall.

24 Jan 05: RBF Engineering completed as-built construction drawings for Palmer Hall. These as-built drawings show the layout and connection of the site sewer main including the incorrect tie-in point to an existing storm drain line. Drawings show a 15 degree change in direction of the sewer line to tie in to the storm drain system while the design drawings show a straight path. The as-built drawings show that the storm drain clean out was replaced with a sewer manhole. The as-built connection required approximately 17 feet less pipe than the design drawings called for. The drawings show the existing sewer and storm drain lines run parallel to each other, approximately five feet horizontally apart from each other. Copies of the as-built drawings showing the deficiency are provided.

During construction, the difference in pipe elevation of the assumed sewer line was questioned by the contractor to ensure proper gravity flow drainage but it did not occur to them that they were measuring elevations of a storm drain clean out line vice a sewer clean out line. There is no evidence that the elevation issue was brought to the attention of the QA manager; and as such, the issue was not revealed to the Navy's QC manager.

QA and QC inspection reports, from the contractor and the Navy during the time before and after the illicit connection is thought to have occurred are also submitted. These reports are provided to document that QA and QC was occurring on the project.

The Navy's QA/QC program for construction is based on the contractor providing Quality Control (QC) via site inspections and QC reports to the Navy. The Navy has Quality Assurance (QA) responsibility to check the accuracy of QC reports and spot check the site inspection QC program, conducted by the contractor. The Navy's QA manager did document that the contractor's QC program was late with QC reports and that a backup QC manager had not been assigned to the Palmer Hall project. However, the Navy's QA manager failed to require immediate fixes to these QC deficiencies nor did she document them in the contractor's periodic review. If the contractor's QC program had been providing timely reports, and the contractor had assigned a backup QC manager to assist with daily site inspections, and the Navy's QA manager required these deficiencies to be addressed quickly, the Palmer Hall illicit sewer connection may have been identified during construction.

NAVFAC SW has held training amongst its construction QA managers to ensure they understand the importance of the existing QA/QC process and to discuss the lessons learned from the Palmer Hall illicit connection.

NAVFAC SW has drafted criteria for *Inspection and Acceptance of New Connections to Existing Navy/Marine-owned Utilities and New Utility Equipment*. This section requires all new/repaired utility connections to hold a pre-connection and post-connection inspection by NAVFAC Utilities, to include a dye test, to ensure sewer connections are appropriate. This draft criteria is in the NAVFAC SW review and approval process. A draft copy of this acceptance protocol is provided.

You also requested the names and phone numbers of the Navy personnel, civilian and military, that worked on the sanitary sewer lateral cross-connection during the construction of the new barracks also to include the names and phone numbers of any construction contractor personnel involved. However, the Navy personnel involved with the project are no longer employed by the Navy. The Naval Base San Diego Public Works Officer is the position with the responsibility for construction projects. This information is provided.

Clean-up and Mitigation Plan

You have requested specific elements of the on-site clean-up and abatement plan. My December 20, 2006 letter, provided with this response, discusses in detail the discovery of the cross-connection and the steps taken to stop the release and clean up the affected area. Following my December 20, 2007 letter, and in compliance with the Notice of Violation Order no. R9-2006-0157, requested data was compiled based on further review and monitoring and delivered to the Regional Water Quality Control Board on February 8, 2007 and March 6, 2007.

Clean up details were previously submitted to your office and are being resubmitted. Discussion of the Navy's abatement plan to include the continued Chollas Creek trash removal and participation in the Chollas Creek bacterial total maximum daily load program are discussed in more detail in our submittal.

Immediately after the Palmer Hall cross connection was identified, The Navy conducted a visual inspection of all storm drain outfalls on Navy facilities in the metropolitan area to ensure no illicit discharges were occurring. The Navy also hired a contractor to conduct an illicit connection / illicit discharge (IC/ID) survey of all buildings constructed since the last IC/ID survey conducted in 2002. A CD-Rom copy of that IC/ID report is submitted with no IC/IDs identified by the survey.

Follow-up Reports or Investigations

Results of quarterly storm water inspections were requested in your July 30, 2007 letter. Those inspection results are conducted as part of Naval Base San Diego's NPDES permit for industrial storm water discharges. The inspection results are submitted annually to your office and we refer you to those reports for quarterly inspection results.

The following list of specific questions from your letter are addressed here:

1. The report indicates the affected storm drain was 'hydro blasted clean.' How was the waste from the hydro blast captured and disposed of?

Two inflatable pipe plugs were installed at outfall 70. One was installed at the outfall pipe and one at the next manhole connection upstream to prevent any cleaning water from entering Chollas Creek and to prevent any tidal flow from high tide at the creek from entering into the outfall. Approximately 4,000 linear feet of storm drain line, starting from Palmer Hall and working toward the outfall discharge was cleaned.

The debris and water removed during jetting and vacuuming was deposited at San Diego City Main Pump Station #1 on Harbor Drive. As this material was not hazardous, no receipt or report was provided by the Pump Station. This cleaning and disposal information was provided to your staff as the cleaning operations were on going and copies of the correspondence are provided.

2. The report indicated the Navy would conduct a survey to identify illicit sewer cross-connection of all structures constructed since the 2002 cross-connection survey. Provide the results of the survey.

The survey report and results of all structures inspected since the 2002 survey are provided as a CD-ROM. As previously stated, Palmer Hall was constructed after the 2002 survey was completed.

3. The report indicated the Navy would conduct visual observations of non-industrial storm water outfalls. Provide the results of the observations.

Copies of e-mail correspondence from the Naval Base San Diego Environmental Compliance team discussing the non-industrial storm water outfall inspection results are provided.

4. The report indicated the Navy would conduct a process improvement analysis of the Palmer Hall SSO. Provide the results of the analysis.

NAVFAC SW has held training amongst its construction QC managers to ensure they understand the importance of the existing QA/QC process and to discuss the lessons learned from the Palmer Hall illicit connection.

NAVFAC SW has also drafted criteria for *Inspection and Acceptance of New Connections to Existing Navy/Marine-owned Utilities and New Utility Equipment*. This section requires all new/repaired utility connections to hold a pre-connection and post-connection inspection by NAVFAC Utilities, to include a dye test, to ensure sewer connections are appropriate. This draft criteria is in the NAVFAC SW review and approval process. A draft copy of this acceptance protocol is provided.

5. Please provide the following for the monitoring data submitted in November 2006 and early 2007.

a. A map identifying the locations of all sample points, including the location of the release to Chollas Creek (Outfall 70).

A map of Naval Base San Diego with Chollas Creek location and sample points labeled is provided.

b. A table summarizing all samples taken and the results of the samples taken.

A summary table of samples and laboratory results was provided in a letter dated February 8, 2007. Copies of this correspondence and table are provided.

c. The lab report and chain of custody for the November 21, 2006 samples.

November 21, 2006 lab report and chain of custody was provided in the technical report submitted December 20, 2006. Copies of this correspondence, including lab report and chain of custody, are provided.

6. In addition to the requested information listed above, provide any other new information discovered since the Navy began its investigation into the cause of the Palmer Hall sanitary sewer cross-connection.

The information obtained in this and previous reports represent what has been discovered since the Navy initiated this investigation. If there are any questions regarding this request please feel free to contact me at (619) 532-2261.

Sincerely,



ROBERT A. CHICHESTER
Water Program Manager
By direction

Palmer Hall Lay Down Request correspondence

Encl (1)

SITE FENCE LOCATION

- sewer e.o. outside fence
- storm drn ~~inside~~ outside fence

LAYDOWN REQUEST

Date 13 DEC 02 Proj. Title P-254 New BEQ Proj. # 02-D-8013 DO #1

Company Name SOLTEK Company POC WILLY NAYLOR

Office Tel: 619-296-6247 Cell Ph. 619-871-9369

GOVT Proj. Mgr. SHANNON SANCHEZ Tel: 619 556 6951 Cell: _____

NavBase Ten. Liaison GEORGE THOMPSON Tel: 619 556 0440 Cell: _____

Proj./Laydown Area Req. (Include; Activity/Area/Bldg #/See Notes)
NEW BEQ CONSTRUCTION NEXT TO SNYDER HALL (B-3380)

(Include: Activity / Area / Bldg #)
Justification For Approval and Urgency: _____

Proposed Proj/Laydown Occupancy, From 18 / DEC / 02 To 31 / OCT / 04

LAYDOWN REQUEST MUST BE SUBMITTED AND RECEIVED BY INTERFERENCE COORDINATOR 21 DAYS IN ADVANCE OF REQUESTED LAYDOWN DATE.

Submit Required Info noted below:

- ** Provide 8 1/2" x 11" Sketch/Drawing showing location and size of Lay Down area required.
- ** If project impairs/impacts Traffic or Parking, provide Traffic Plan and/or amount of Parking Spaces to be secured and their location.
- ** Indicate any Outages Required: Water, Electric, Gas, Steam, ECT. And Facilities they affect. Outage requests Form PWC 11014/12 must be submitted 21 Days in advance to the Utilities Outage Desk and MUST have a Job Order Number assigned before outage can be assigned to Utilities shops for performance.

Forward To: Interference/Outage Coordinator, Mack McKuskie
NAVBASE, S.D. bldg 291 Tel: 556-0685 FAX: 556-3191 / 3190

Signature _____ Approved { } Dissaproved { } Date / /

Site Approval Correspondence for Palmer Hall

Encl (2)



DEPARTMENT OF THE NAVY
COMMANDING OFFICER
NAVAL STATION SAN DIEGO
3455 SENN RD
SAN DIEGO CA 92136-5084

IN REPLY REFER TO:
11000
Ser N46M/1146
16 May 02

From: Commanding Officer, Naval Base, San Diego
To: Commander, Southwest Division, Naval Facilities Engineering
Command (Code 5SPR.RM)

Subj: SITE APPROVAL FOR MILCON P-254, BACHELOR ENLISTED QUARTERS,
NAVAL BASE, SAN DIEGO

Ref: (a) NAVFACINST 11010.44E
(b) SOUTHWESTNAVFACENCOM ltr 11000 Ser 232.SA/1491 of 12 Dec 94
(c) OPNAVINST 5090.1B

Encl: (1) Approved Project Site (NAVFAC 11010/31 and Location Maps)
(2) Site Analysis Checklist
(3) Categorical Exclusion Statement

1. Site approval for subject project is granted with references (a) and (b). The approved site is shown in enclosure (1).
2. Enclosure (2) is submitted as required by reference (b), and comments from Public Works Center and Natural/Cultural Resources should be taken into consideration before construction.
3. Enclosure (3) has been prepared as required by reference (3), National Environmental Policy Act (NEPA).
4. My point of contact is Mr. Ruben Dela Cruz, Facilities Planner, at (619) 556-0325.

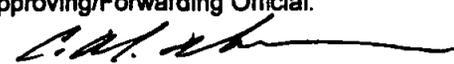

C. M. MAURER
By direction

REQUEST FOR PROJECT SITE APPROVAL/EXPLOSIVES SAFETY CERTIFICATION NAVFAC 11010/31 (REV. TT8-93)

PART I

INSTRUCTIONS ON REVERSE AND NAVFACINST 11010.44E

1. To: Commander, Southwest Division, Naval Facilities Engineering Command			2. From : PWO Naval Base San Diego		
3. Program Year: FY-03	4. Cost: \$ 40 M	5. Type Funding: MCON	6. Activity UIC: N00245	7. Date: 26 JAN 2000	
a. Category Code: 721-11 Project Title: Bachelor Enlisted Quarters				9. Project #: P-254	
10. Type of Project: <input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Change Use <input type="checkbox"/> Addition to Existing Facility <input type="checkbox"/> Major Modification to Existing Facility			<input type="checkbox"/> Relocation of Structure <input type="checkbox"/> Maintenance and/or Repairs <input type="checkbox"/> Repair By Replacement <input type="checkbox"/> Other, <u>demolition, etc.</u>		
11. Type of Request: <input checked="" type="checkbox"/> Site Approval <input type="checkbox"/> Explosives Safety Certification, <u>Airfield, electromagnetic</u> <input checked="" type="checkbox"/> Resubmittal			12. Project Description: This project will construct a high-rise concrete BEQ building with slab on grade and pile foundation; precast concrete floors and roof panels above grade; metal stud walls at interior; seismic construction features; anti-terrorism/force protection measures, detach parking garage, utilities, paving, and walkways. It will provide 150 "2+0" modules to house 600 E1-E4 personnel.		
13. _____ Sets of Project Maps Attached		14. _____ Sets Part II Division(s). _____ Attached		15. _____	

1. Name/Code/Phone No. of Reviewer: George Winnett / N442P / (619) 556-1316		2. Date Received: <u>1/29/01</u>	
3. Evaluation: Project has no adverse impact on Master Plan			
4. EFD Action: (check appropriate box(es))			
<input checked="" type="checkbox"/> Site Approved	<input type="checkbox"/> Requires NAVFACHQ Approval	<input type="checkbox"/> Airfield Safety	
<input type="checkbox"/> Site Disapproved	<input type="checkbox"/> Explosives Safety	<input type="checkbox"/> Electromagnetic Radiation Safety	
<input type="checkbox"/> Returned	<input type="checkbox"/> Additional Data		
5. Date Approval/Forwarding: <u>16 May 02</u>		6. Signature of Approving/Forwarding Official: C. M. MAURER CDR, CEC, USN 	

1. Name and Code of Reviewer:		2. Date Received:	
3. Safety Review Requested: (check appropriate box(es))			4. Date:
<input type="checkbox"/> NAVSEA	<input type="checkbox"/> CNO	<input type="checkbox"/> DDESB	<input type="checkbox"/> SPAWAR
<input type="checkbox"/> NAVAIR	<input type="checkbox"/> OTHER		
5. Date of Safety Certification:			
<u> </u> NAVSEA	<u> </u> CNO	<u> </u> DDESB	<u> </u> SPAWAR
<u> </u> NAVAIR	<u> </u> OTHER		

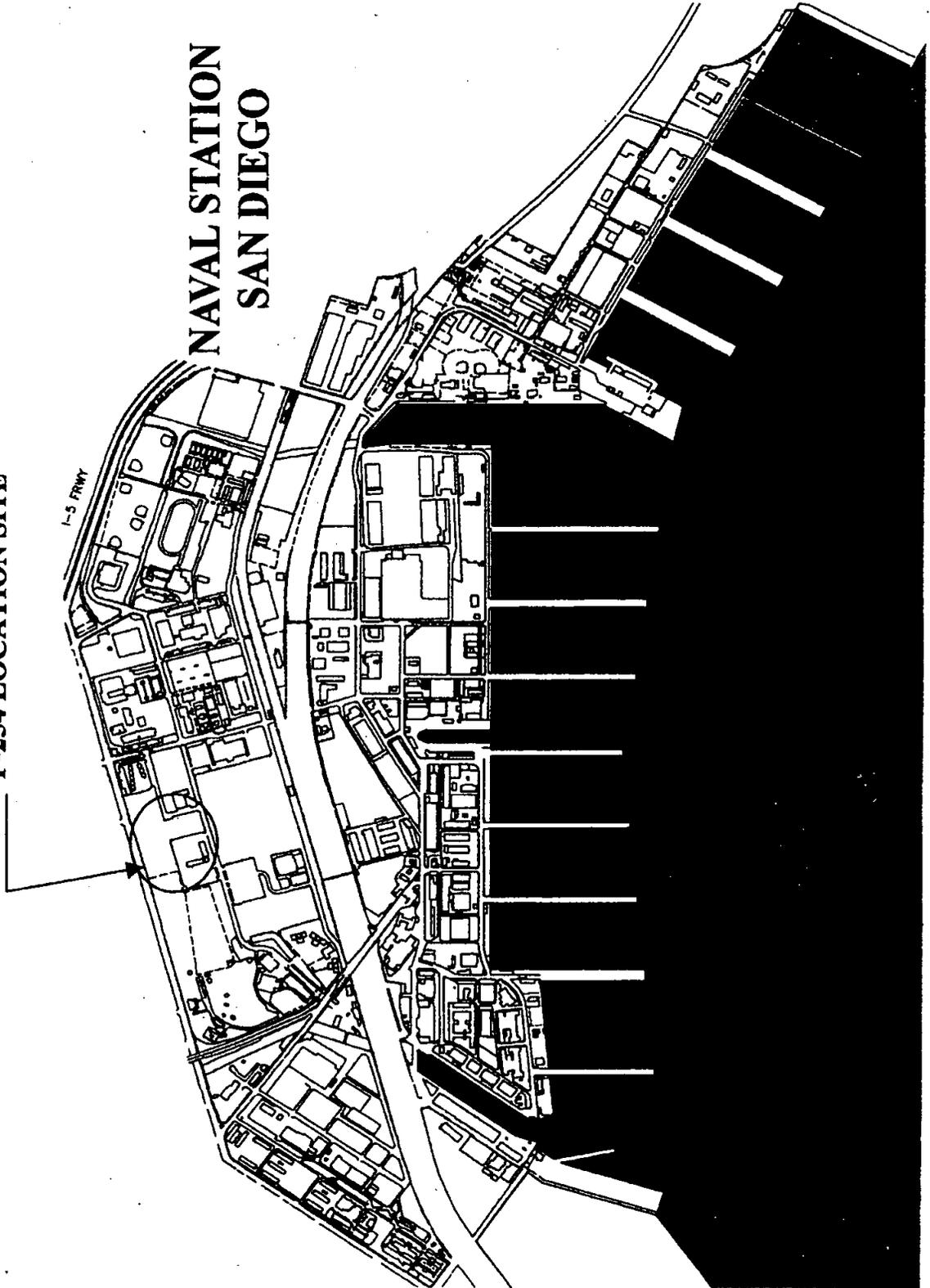
1. Approvals: <input type="checkbox"/> Site Approved <input type="checkbox"/> Site Disapproved <input type="checkbox"/> Deferred/Returned <input type="checkbox"/> Explosives Safety Certification Approved <input type="checkbox"/> Explosives Safety Certification DISAPPROVED <input type="checkbox"/> Interim Construction Waiver Approved		2. Certification Identification:	
3. Remarks:		6. Date:	
4. Other Approvals Required: <input type="checkbox"/> Airfield Safety Waiver Required <input type="checkbox"/> Final Explosives Safety Review Required		5. Approving Official:	

ENCLOSURE (1)
(1) OF (3)

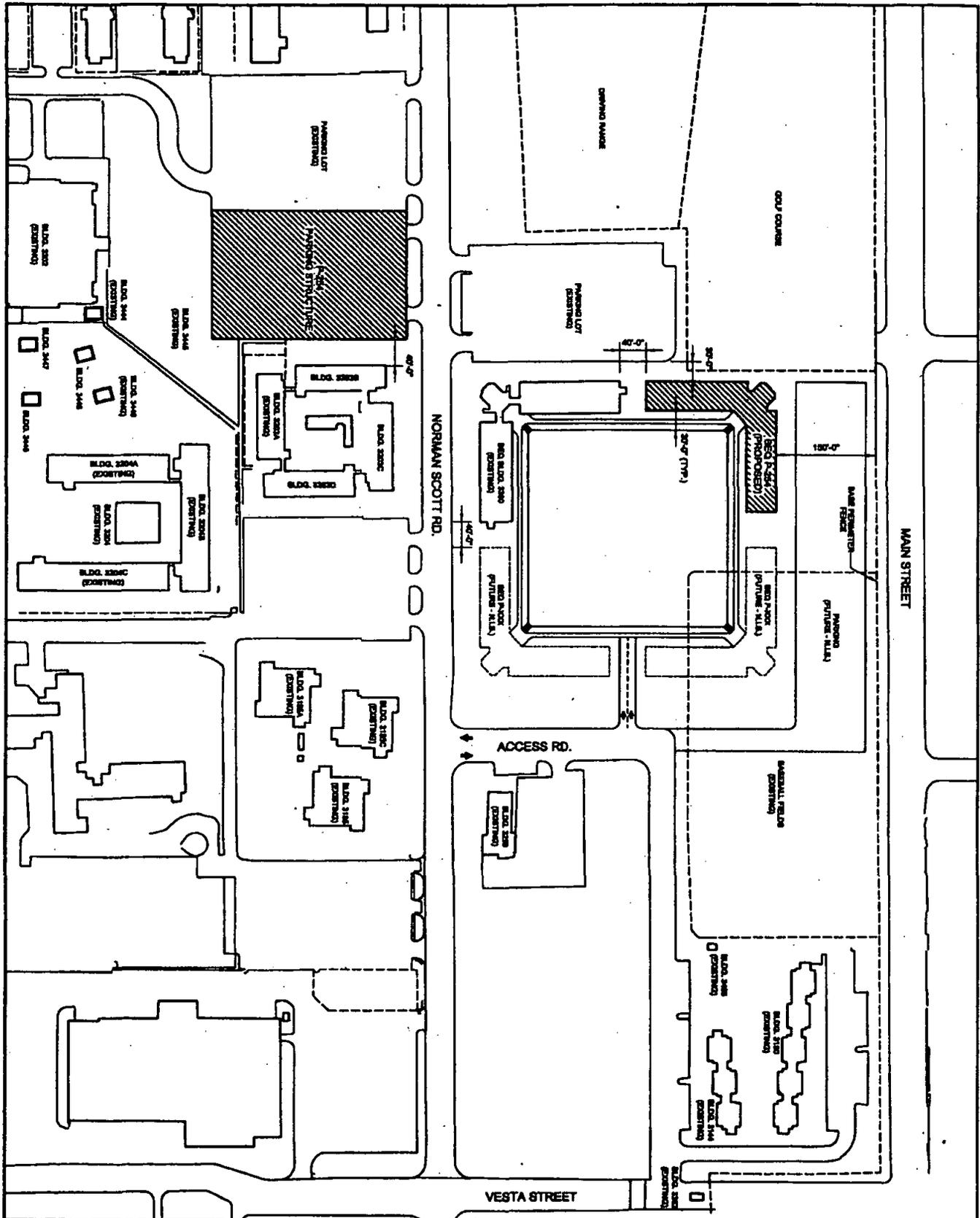
P-254 LOCATION SITE

I-5 FRWY

NAVAL STATION SAN DIEGO



EXCL (1)
(2) OF (3)



NAVAL STATION, SAN DIEGO, CA
MILCON PROJECT P-254
BACHELOR ENLISTED QUARTERS

SITE PLAN



SCALE: 1" = 200' - 0"

ENC. (1)
 (2) 1/1/70

NOON 10/1

SITE APPROVAL CHECK LIST

SAR#: NB-01-028 PROJECT: MILCON P-254 BACHELOR ENLISTED QUARTERS

LOCATION: NAVSTA SD ACTIVITY: NAVAL STATION, SAN DIEGO

PLANNING: Poc/Phone: George Winnett Recv'd. Cmp. Date: 1/30/01

- 1. Site conditions and topography are suitable for proposed condition.
- 2. The project is located outside the 100 year Flood Plain.
- 3. The proposed site is consistent with the RSIP.
- 4. The project will have no adverse impact on adjacent off-base land.
- 5. There are no known off-base structures, functions, physical barriers or conditions that will adversely affect the function or the operation of the proposed project.
- 6. There are no off-site projects that are under construction or planned that would adversely affect this project.
- 7. There is sufficient area available for parking, material laydowns, etc.
- 8. There are no known subsurface foundations, structures, utilities, and rocks, etc. Which would adversely affect the project.

SAFETY: Poc/Phone: _____ Recv'd. Date: _____ Cmp. Date: _____

- 1. This site is not encumbered by Airfield, Ordnance, or Electromagnetic Safety issues.

UTILITIES: Poc/Phone: _____ Recv'd. Date: _____ Cmp. Date: _____

- 1. Existing utilities are adequate for the proposed project.
- 2. The overall utilities support for the project has been considered with regard to the proposed site.

REAL ESTATE: Poc/Phone: _____ Recv'd. Date: _____ Cmp. Date: _____

- 1. All necessary land acquisitions (purchase/lease) have been identified.
- 2. All easements/outgrants (road & railroad crossings, utility easements, etc.) that are required have been identified.
- 3. Any required changes, relocations, or cancellations to existing easements/outgrants have been identified.

NATURAL/CULTURAL RESOURCES: Poc/Phone: _____ Recv'd. Date: _____ Cmp. Date: _____

- 1. The project is outside of any historic district.
- 2. The project site is not listed on the National Register of Historic Places.
- 3. The site has no known discovery potential for archeological artifacts.
- 4. The project does not renovate a historic building or structure.
- 5. The project is not located in or near a wetland.
- 6. Mitigation and wetlands permits are not required.
- 7. No known threatened, endangered or sensitive species inhabit the site.

ENVIRONMENTAL: Poc/Phone: _____ Recv'd. Date: _____ Cmp. Date: _____

- 1. All required permits have been identified.
- 2. There are no known underground storage tanks.
- 3. There is no contaminated soil on the proposed site.
- 4. There is not an Installation Restoration (IR) Site.
- 5. There is no existing hazardous material (asbestos, lead, etc.) which would adversely affect the proposed project.
- 6. There are no air quality permits required.

NEPA: Poc/Phone: Rubon dela Cruz Recv'd. Date: 1/30/01 Cmp. Date: _____

- 1. The required environmental documents are completed (CATEX, EA, or EIS).
- 2. All required permits have been identified.
- 3. A Coastal Zone Consistency Determination (CCD) is not required.

COMMENTS: _____

ENCLOSURE (2)
(1) OF (9)

ENGINEERING REVIEW COMMENTS
PWC 4330/2 (REV. 5-75)

DATE **7 Feb 01**

PROJ. NO. D-254	ISSUE NO. SAR NB 01-028	DESIGN COMPLETION <input checked="" type="checkbox"/> PRELIMINARY SAR <input type="checkbox"/> FINAL (100%)
REVIEW COMMENTS BY <input type="checkbox"/> WEST DIV. NAVFAC <input checked="" type="checkbox"/> PWC CENTER	DESIGN <input type="checkbox"/> ARCH. <input type="checkbox"/> STRUCT. <input type="checkbox"/> MECH. <input type="checkbox"/> ELEC. <input checked="" type="checkbox"/> CIVIL	<input checked="" type="checkbox"/> OTHER (Specify) Utilities

PROJECT TITLE AND ACTIVITY (Name and location)
SAR # NB 01-028 For BACHELOR ENLISTED QUARTERS, P-254 (NAVAFAC)

DRG. NO. OR PARA. NO.	COMMENT <small>NOTE: Make general comments on last sheet of drawings</small>	ACTION BY WEST DIV. NAVFAC OR REVIEW CONFERENCE
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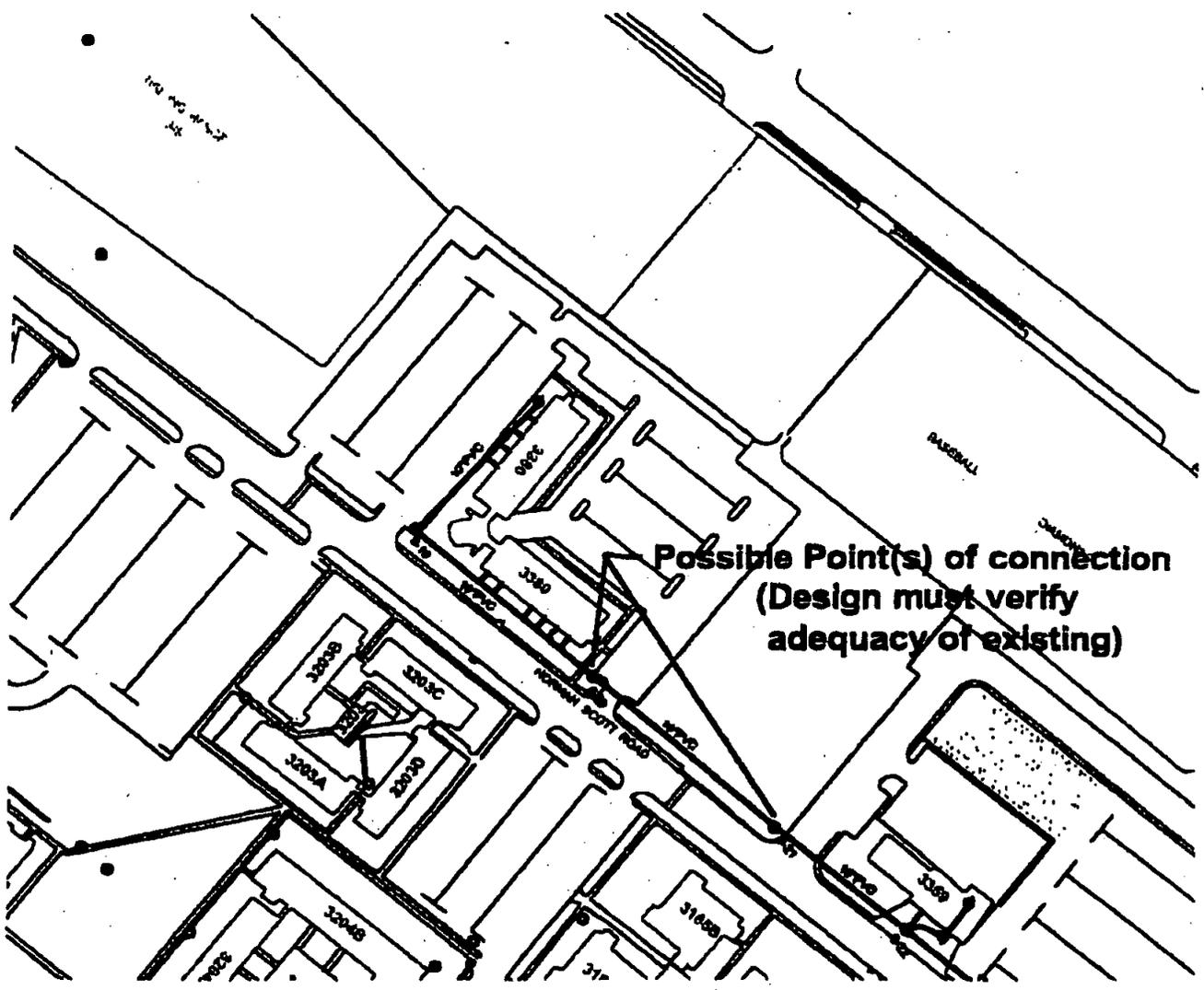
- Replace old 6" cast iron water main with 10" PVC and complete 10" loop. See attached Potable Water.
- Design must verify adequacy of existing 10" PVC sewer (and depth). See attached Sanitary Sewer.

Jerry Kowalik
 Navy Public Works Center,
 San Diego
 Civil Utilities Product and Service Line - Engineering
 Code 661
 (619) 556-7966

ENCL (2)
 (2) OF (9)

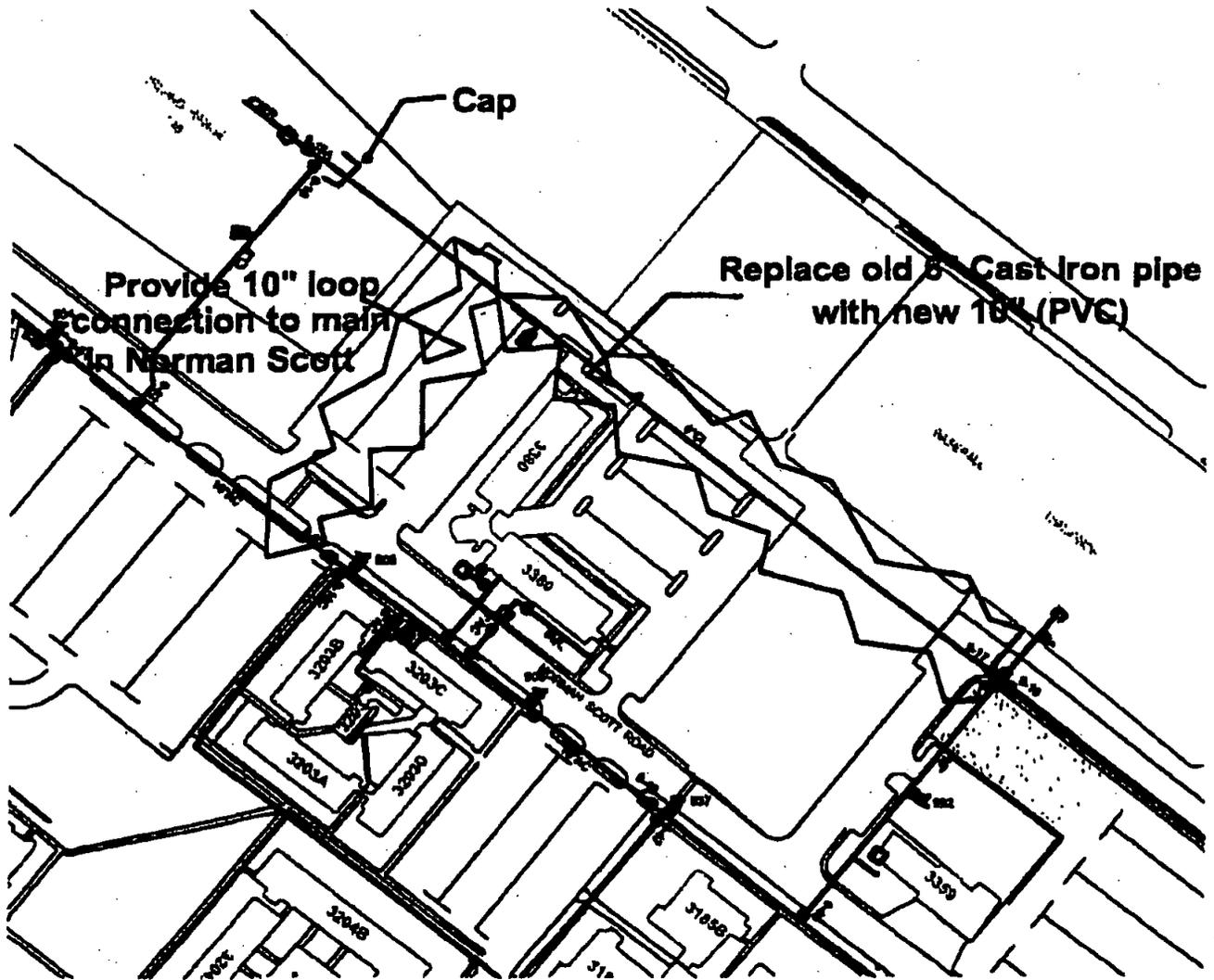
SHEET 1 OF 1
 (plus two attachments)

SANITARY SEWER
FOR SITE APPROVAL
MILCON P-254



ENCL. (2)
(3) OF (9)

POTABLE WATER
FOR SITE APPROVAL
MILCON P-254



ENCL. (2)
(4) OF (9)

SITE APPROVAL CHECK LIST

SAR#: NB 01-028 PROJECT: MILCON P-254 BACHELOR ENLISTED QUARTERS

LOCATION: NAVSTA ACTIVITY: NAVAL STATION COMMAND

PLANNING: Poc/Phone: GEORGE WINNETT Recv'd. 9/4/01 Cmp. Date: 9/4/01

- 1. Site conditions and topography are suitable
- 2. The project is located outside the
- 3. The proposed site is consistent with
- 4. The project will have no adverse
- 5. There are no known off-base structures
- 6. There are no off-site projects that
- 7. There is sufficient area available
- 8. There are no known subsurface

FEDERAL FORM 89 (7-89)

FAX TRANSMITTAL # of pages = 2

To: RUBEN DELA CRUZ From: STEVE SHANHILL

Dept./Agency: RESD. PLANNING Phone #: 4-0043

Fax #: 6-3191 Fax #: _____

NSN 7540-01-317-7068 5010-101 GENERAL SERVICES ADMINISTRATION

SAFETY: Poc/Phone: _____ Recv'd. Date: _____ Cmp. Date: _____

1. This site is not encumbered by Airfield, Ordnance, or Electromagnetic Safety issues.

UTILITIES: Poc/Phone: _____ Recv'd. Date: _____ Cmp. Date: _____

1. Existing utilities are adequate for the proposed project.

2. The overall utilities support for the project has been considered with regard to the proposed site.

REAL ESTATE: Poc/Phone: _____ Recv'd. Date: _____ Cmp. Date: _____

1. All necessary land acquisitions (purchase/lease) have been identified.

2. All easements/outgrants (road & railroad crossings, utility easements, etc.) that are required have been identified.

3. Any required changes, relocations, or cancellations to existing easements/outgrants have been identified.

NATURAL/CULTURAL RESOURCES: Poc/Phone: Deletion Recv'd. Date: _____ Cmp. Date: 3 APR 02

- 1. The project is outside of any historic district.
- 2. The project site is not listed on the National Register of Historic Places.
- 3. The site has no known discovery potential for archeological artifacts.
- 4. The project does not renovate a historic building or structure.
- 5. The project is not located in or near a wetland.
- 6. Mitigation and wetlands permits are not required.
- 7. No known threatened, endangered or sensitive species inhabit the site.

ENVIRONMENTAL: Poc/Phone: _____ Recv'd. Date: _____ Cmp. Date: _____

1. All required permits have been identified.

2. There are no known underground storage tanks.

3. There is no contaminated soil on the proposed site.

4. There is not an Installation Restoration (IR) Site.

5. There is no existing hazardous material (asbestos, lead, etc.) which would adversely affect the proposed project.

6. There are no air quality permits required.

NEPA: Poc/Phone: Ruben Dela Cruz Recv'd. Date: 1/30/01 Cmp. Date: 1/30/01

- 1. The required environmental documents are completed (CATEX, EA, or EIS).
- 2. All required permits have been identified.
- 3. A Coastal Zone Consistency Determination (CCD) is not required.

COMMENTS: * Calif. SHPD concurs w/ determination that project will have No Adverse Effect as archeological site CA-SOI-12,092 with condition that archeological monitoring be conducted during an appropriate portion of the project grading and excavation phase. Ag

ENCL (2)
(5) OF (9)

**OFFICE OF HISTORIC PRESERVATION
DEPARTMENT OF PARKS AND RECREATION**

P.O. BOX 942896
SACRAMENTO, CA 94296-0001
(916) 653-6624 Fax: (916) 653-9824
caishpo@ohp.parks.ca.gov
www.ohp.parks.ca.gov



April 3, 2002

In reply refer to:
USN020213A

J. Larson, Director, Environmental Operations
Navy Region Southwest Environmental Department
Fleet ASW Training Center
33000 Nixie Way, Bldg. 50, Suite 338
San Diego, CA 92147-5199

RE: Construction of New Bachelor Enlisted Quarters on Naval Base San Diego (Reference No. 5090; Ser N45RN.ay/027)

Dear Director Larson:

Thank you for consulting with me on the above referenced undertaking pursuant to 36 CFR Part 800, regulations implementing Section 106 of the National Historic Preservation Act. The Navy has proposed construction of a new bachelor enlisted quarters (BEQ) at the Naval Base San Diego.

The proposed BEQ is situated within the boundaries of CA-SDI-12,093, a prehistoric archaeological site. You explain the Navy is assuming this site is potentially eligible to the National Register for the purposes of this undertaking. Preliminary testing of the site within the project's Area of Potential Effect (APE) demonstrated that very little integrity has survived in this specific portion of the site. The Navy has determined that the portion of the site within the APE for this undertaking cannot at this time be considered a contributing element to the larger archaeological property. Based on these testing results, the Navy has determined that the undertaking will have no adverse effect on CA-SDI-12,093. I concur in this determination.

In the supporting documentation you have provided, you explain the Navy will require archaeological monitoring for the grading and excavation phase of this project "as a precaution for the inadvertent discovery of intact archaeological deposits" (page 6). I agree that pursuant to § 800.13(b), this is an appropriate means to handle the unanticipated discovery of intact deposits within the portion of the site directly affected by this undertaking.

If you have any questions or comments, please contact Anmarie Medin, Staff Historical Archaeologist, at (916) 653-2716 or at amedin@ohp.parks.ca.gov.

Sincerely,

Dr. Knox Melton
State Historic Preservation Officer

ENCL (2)
(6) OF (9)

SITE APPROVAL CHECK LIST

10 Kupper
Debra Cruz

SAR#: NB-01-028 PROJECT: MILCON P-254 BACHELOR ENLISTED QUARTERS

LOCATION: NAVSTA SD ACTIVITY: NAVAL STATION, SAN DIEGO

PLANNING: POC/Phone: George Winnett Recv'd. _____ Cmp. Date: 1/30/01

- 1. Site conditions and topography are suitable for proposed condition.
- 2. The project is located outside the 100 year Flood Plain.
- 3. The proposed site is consistent with the RSIP.
- 4. The project will have no adverse impact on adjacent off-base land.
- 5. There are no known off-base structures, functions, physical barriers or conditions that will adversely affect the function or the operation of the proposed project.
- 6. There are no off-site projects that are under construction or planned that would adversely affect this project.
- 7. There is sufficient area available for parking, material laydowns, etc.
- 8. There are no known subsurface foundations, structures, utilities, and rocks, etc. Which would adversely affect the project.

SAFETY: POC/Phone: _____ Recv'd. Date: _____ Cmp. Date: _____

- 1. This site is not encumbered by Airfield, Ordnance, or Electromagnetic Safety issues.

UTILITIES: POC/Phone: _____ Recv'd. Date: _____ Cmp. Date: _____

- 1. Existing utilities are adequate for the proposed project.
- 2. The overall utilities support for the project has been considered with regard to the proposed site.

REAL ESTATE: POC/Phone: E. Ewell 2-1164 Recv'd. Date: 2-12-01 Cmp. Date: 2-12-01

- 1. All necessary land acquisitions (purchase/lease) have been identified.
- 2. All easements/outgrants (road & railroad crossings, utility easements, etc.) that are required have been identified.
- 3. Any required changes, relocations, or cancellations to existing easements/outgrants have been identified.

NATURAL/CULTURAL RESOURCES: POC/Phone: _____ Recv'd. Date: _____ Cmp. Date: _____

- 1. The project is outside of any historic district.
- 2. The project site is not listed on the National Register of Historic Places.
- 3. The site has no known discovery potential for archeological artifacts.
- 4. The project does not renovate a historic building or structure.
- 5. The project is not located in or near a wetland.
- 6. Mitigation and wetlands permits are not required.
- 7. No known threatened, endangered or sensitive species inhabit the site.

ENVIRONMENTAL: POC/Phone: _____ Recv'd. Date: _____ Cmp. Date: _____

- 1. All required permits have been identified.
- 2. There are no known underground storage tanks.
- 3. There is no contaminated soil on the proposed site.
- 4. There is not an Installation Restoration (IR) Site.
- 5. There is no existing hazardous material (asbestos, lead, etc.) which would adversely affect the proposed project.
- 6. There are no air quality permits required.

NEPA: POC/Phone: Debra Cruz Recv'd. Date: 1/30/01 Cmp. Date: _____

- 1. The required environmental documents are completed (CATEX, EA, or EIS).
- 2. All required permits have been identified.
- 3. A Coastal Zone Consistency Determination (CCD) is not required.

COMMENTS:

ENCL (2)
(?) OF (9)

SITE APPROVAL CHECK LIST

SAR#: NB 01-028 PROJECT: MILCON P-254 BACHELOR ENLISTED QUARTERS

LOCATION: NAVSTA ACTIVITY: NAVAL STATION COMMAND

PLANNING: Poc/Phone: GEORGE WINNETT Recv'd. 2/12/01 Cmp. Date: 2/12/01

- 1. Site conditions and topography are suitable for proposed condition.
- 2. The project is located outside the 100 year Flood Plain.
- 3. The proposed site is consistent with the RSIP.
- 4. The project will have no adverse impact on adjacent off-base land.
- 5. There are no known off-base structures, functions, physical barriers or conditions that will adversely affect the function or the operation of the proposed project.
- 6. There are no off-site projects that are under construction or planned that would adversely affect this project.
- 7. There is sufficient area available for parking, material laydowns, etc.
- 8. There are no known subsurface foundations, structures, utilities, and rocks, etc. Which would adversely affect the project.

SAFETY: Poc/Phone: D. BRANDON, 6-6379 Recv'd. Date: 2/6/01 Cmp. Date: 2/6/01

- 1. This site is not encumbered by Airfield, Ordnance, or Electromagnetic Safety issues.

UTILITIES: Poc/Phone: _____ Recv'd. Date: _____ Cmp. Date: _____

- 1. Existing utilities are adequate for the proposed project.
- 2. The overall utilities support for the project has been considered with regard to the proposed site.

REAL ESTATE: Poc/Phone: _____ Recv'd. Date: _____ Cmp. Date: _____

- 1. All necessary land acquisitions (purchase/lease) have been identified.
- 2. All easements/outgrants (road & railroad crossings, utility easements, etc.) that are required have been identified.
- 3. Any required changes, relocations, or cancellations to existing easements/outgrants have been identified.

NATURAL/CULTURAL RESOURCES: Poc/Phone: _____ Recv'd. Date: _____ Cmp. Date: _____

- 1. The project is outside of any historic district.
- 2. The project site is not listed on the National Register of Historic Places.
- 3. The site has no known discovery potential for archeological artifacts.
- 4. The project does not renovate a historic building or structure.
- 5. The project is not located in or near a wetland.
- 6. Mitigation and wetlands permits are not required.
- 7. No known threatened, endangered or sensitive species inhabit the site.

ENVIRONMENTAL: Poc/Phone: _____ Recv'd. Date: _____ Cmp. Date: _____

- 1. All required permits have been identified.
- 2. There are no known underground storage tanks.
- 3. There is no contaminated soil on the proposed site.
- 4. There is not an Installation Restoration (IR) Site.
- 5. There is no existing hazardous material (asbestos, lead, etc.) which would adversely affect the proposed project.
- 6. There are no air quality permits required.

NEPA: Poc/Phone: Ruben Dela Cruz Recv'd. Date: 1/30/01 Cmp. Date: 1/30/01

- 1. The required environmental documents are completed (CATEX, EA, or EIS).
- 2. All required permits have been identified.
- 3. A Coastal Zone Consistency Determination (CCD) is not required.

COMMENTS:

ENCL (2)
(8) OF (9)

SITE APPROVAL CHECK LIST

SAR#: NB-01-028 PROJECT: MILCON P-254 BACHELOR ENLISTED QUARTERS

LOCATION: NAVSTA SD ACTIVITY: NAVAL STATION, SAN DIEGO

PLANNING: Poc/Phone: George Winnett Recv'd. Cmp. Date: 1/30/01

- 1. Site conditions and topography are suitable for proposed condition.
2. The project is located outside the 100 year Flood Plain.
3. The proposed site is consistent with the RSTP.
4. The project will have no adverse impact on adjacent off-base land.
5. There are no known off-base structures, functions, physical barriers or conditions that will adversely affect the function or the operation of the proposed project.
6. There are no off-site projects that are under construction or planned that would adversely affect this project.
7. There is sufficient area available for parking, material laydowns, etc.
8. There are no known subsurface foundations, structures, utilities, and rocks, etc. Which would adversely affect the project.

SAFETY: Poc/Phone: Recv'd. Date: Cmp. Date:

- 1. This site is not encumbered by Airfield, Ordnance, or Electromagnetic Safety issues.

UTILITIES: Poc/Phone: Recv'd. Date: Cmp. Date:

- 1. Existing utilities are adequate for the proposed project.
2. The overall utilities support for the project has been considered with regard to the proposed site.

REAL ESTATE: Poc/Phone: Recv'd. Date: Cmp. Date:

- 1. All necessary land acquisitions (purchase/lease) have been identified.
2. All easements/outgrants (road & railroad crossings, utility easements, etc.) that are required have been identified.
3. Any required changes, relocations, or cancellations to existing easements/outgrants have been identified.

NATURAL/CULTURAL RESOURCES: Poc/Phone: Recv'd. Date: Cmp. Date:

- 1. The project is outside of any historic district.
2. The project site is not listed on the National Register of Historic Places.
3. The site has no known discovery potential for archeological artifacts.
4. The project does not renovate a historic building or structure.
5. The project is not located in or near a wetland.
6. Mitigation and wetlands permits are not required.
7. No known threatened, endangered or sensitive species inhabit the site.

ENVIRONMENTAL: Poc/Phone: Theresa L. Morley Recv'd. Date: 1-30-01 Cmp. Date: 1-31-01

- 1. All required permits have been identified.
2. There are no known underground storage tanks.
3. There is no contaminated soil on the proposed site.
4. There is not an Installation Restoration (IR) Site.
5. There is no existing hazardous material (asbestos, lead, etc.) which would adversely affect the proposed project.
6. There are no air quality permits required.

NEPA: Poc/Phone: Ruden della Cruz Recv'd. Date: 1/30/01 Cmp. Date:

- 1. The required environmental documents are completed (CATEX, EA, or EIS).
2. All required permits have been identified.
3. A Coastal Zone Consistency Determination (CCD) is not required.

COMMENTS:

ENCL.(2) (9) OF (9)

**CATEGORICAL EXCLUSION STATEMENT
MILCON PROJECT, P-254, BACHELOR ENLISTED QUARTERS
NAVAL STATION, SAN DIEGO**

1. PROJECT DESCRIPTION:

Project will construct high-rise concrete BEQ building with slab on grade and pile foundation; precast concrete floors and roof panels above grade; metal stud walls at interior; seismic construction features; antiterrorism/force protection measures, detached parking garage, utilities; paving and walkways. Project includes quality of life amenities such as air-conditioning, elevators, landscaping and irrigation, cable TV, storage, walk-in closets, kitchenettes, and telephone service to each room. Provide 150 "2+0" modules to house 600 E1-E4 personnel.

2. NEPA REQUIREMENTS:

The proposed project meets requirements for a Categorical Exclusion, as outlined in OPNAVINST 5090.1B CH-2, Chapter 2, paragraph 2-5.1, items a to e. Specifically, construction of new Bachelor Enlisted Quarters will not, individually or cumulatively:

- a. Affect public health or safety;
- b. Involve an action that is determined, in coordination with the appropriate resource agency, to have the potential for significant environmental effects on wetlands, endangered or threatened species, historical or archeological resources, or hazardous waste sites;
- c. Involve effects on the human environment that are highly uncertain, involve unique or unknown risks, or that are scientifically controversial;
- d. Establish precedents or make decisions in principle for future actions with significant effects; or
- e. Threaten a violation of Federal, state or local law or requirements imposed for protection of the environment.

The proposed project does not meet the description for actions that normally require an Environmental Assessment (OPNAVINST 5090.1B CH-2, Chapter 2, paragraph 2-5.3.2) nor does it meet the requirements for an Environmental Impact Statement (OPNAVINST 5090.1B CH-2, Chapter 2, paragraph 2-5.4.3).

3. CATEGORICAL EXCLUSIONS:

OPNAVINST 5090.1B CH-2 of 9 September 1999, Chapter 2, paragraph 2-5.2 provides a list of 33 actions that are normally categorically excluded from further documentation requirements of NEPA. Actions that are categorically excluded do not individually or cumulatively have a significant effect on the human environment and therefore, neither an Environmental Assessment nor an Environmental Impact Statement is required. This project is considered to meet the definition of action [9]:

"New construction that is consistent with existing land use and, when completed, the use or operation of which complies with existing regulatory requirements."

4. AGENCY CONCURRENCE:

There would be no direct or indirect impacts to environmental resources or safety issues as a result of the construction of a high-rise concrete BEQ building. As such, no regulatory agencies were consulted in determining that the action will have no adverse effect on resources listed in OPNAVINST 5090.1B CH-2, Chapter 2, Paragraph 2-5.1.b.

5. DETERMINATION:

Naval Base San Diego (NBSD) has determined that the proposed action, in compliance with the stipulations described above, does not individually or cumulatively have a significant effect on the environment and, therefore, neither an Environmental Assessment nor an Environmental Impact Statement is required.

APPROVED:

Dean A. Winick 1/30/01
NBSD Planner Date

6. CONCURRENCE:

Naval Base San Diego:

C. M. Maurer 16 May 02
C. M. MAURER Date
By direction

Concur Do not Concur

ENCL. (3)
(2) OF (2)

NOON 11/01

NAVFACINST 11010.45

REGIONAL PLANNING INSTRUCTION

SITE APPROVAL PROCESS

May 2001

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Appendices:

- A. NAVFAC Form 11010/31 (REV 5-2001), Request for Project Site Approval/Explosives Safety Certification, Part I
- B. NAVFAC Form 11010/31 (REV 5-2001), Request for Project Site Approval/Explosives Safety Certification, Part II, Division A-Explosives Safety
- C. NAVFAC Form 11010/31 (REV 5-2001), Request for Project Site Approval/Explosives Safety Certification, Part II, Division B-Airfield Safety
- D. NAVFAC Form 11010/31 (REV 5-2001), Request for Project Site Approval/Explosives Safety Certification, Part II, Division C-Electromagnetic Safety

1.0 OVERVIEW

This section provides guidance on submitting a site approval request. Site approval requests are submitted on NAVFAC Form 11010/31, "Request for Project Site Approval." This two-part form provides the information about the project that will allow others to evaluate the project site. The first part of the form asks for general information on the type of project and includes an area for the various reviews and approvals required in the process. In addition to this form, graphic information such as plans and maps, showing the proposed project location in relation to the activity's land use plan, existing facilities, and appropriate siting constraints are also required.

2.0 PROJECTS REQUIRING SITE APPROVAL

Site approval is required for all Navy projects and non-Navy projects sited on Navy-controlled land holdings regardless of funding source for the following situations:

- Any project site that will have explosives safety criteria implications associated with ammunitions and explosives.
- Any project that affects or is affected by airfield safety criteria.
- Any project that creates or is proposed to be in an area of electromagnetic illumination or involves electromagnetic transmission.
- Any project that proposes changing the use of a facility.
- Any project that changes or has the potential to change the land use or physical layout of an area.

Projects having explosives safety, airfield safety, or electromagnetic safety implications will require a "Safety Certification" by specific commands that have been assigned these responsibilities. More information to follow.

Recognize that many projects will have safety criteria considerations in more than one area. For example, a project that proposes construction of a new transmitting antenna at an air station may have implications for airfield safety (from the location of the antenna), as well as for the effects of electromagnetic radiation (EMR) emanating from the transmitter on people, fuels, ammunition, and EMR-sensitive equipment.

2.1 WHEN TO REQUEST PROJECT SITE APPROVAL

Site approvals requests for Military Construction projects or Special Projects that will require a "Safety Certification" should be initiated when the activity/region develops an Activity 1391+ (MCON) or DD Form 1391 (Special Project) for the project.

2.2 LIFE OF A SITE APPROVAL

Site approvals are granted based on the conditions and circumstances shown in the site approval request. The site approval becomes invalid if any of these conditions change. Approvals become invalid if the project scope or location is altered in any manner from the information on which the safety certification was granted. Explosive safety related site approvals granted under the Safety Assessment for Explosives Risk (SAFER) (discussed later in this topic) must be revalidated every five years.

3.0 CONFORMANCE WITH THE LAND USE PLAN

The best place to start in selecting a site for a project is the Land Use Plan included in the Regional Shore Infrastructure Plan (RSIP). The Land Use Plan has synthesized the myriad complex issues associated with land use planning. The plan describes planning constraints, proposed land use, and includes summaries of the facilities requirements, traffic, real estate, and mobilization plans. The site selected should be in conformance with the Land Use Plan. However, if there are overriding considerations that preclude siting consistent with the plan, document that information in the request for site approval.

4.0 REVIEWING AUTHORITIES FOR SAFETY CERTIFICATIONS

One of the important elements of the site approval process is the evaluation of the proposed project with respect to safety criteria. The EFD/EFA/HQMC cannot issue the site approval without certification from the appropriate command. Depending on the nature and proposed site of a project, it may require more than one safety certification. The CNO has assigned the responsibility for managing specific safety programs to the Naval Sea Systems Command (NAVSEA) (this responsibility has been delegated to the Naval Ordnance Safety and Security Activity (NOSSA), Indian Head, Maryland) for explosives safety (including Hazards of Electromagnetic Radiation to Ordnance (HERO)), the Naval Air Systems Command (NAVAIRSYSCOM) for airfield safety, and the Space and Naval Warfare Systems Command (SPAWARSYSCOM) for the electromagnetic interference radiation safety program (except HERO).

It may be appropriate to have discussions with the reviewing authorities prior to submission of the site approval request so that site changes or other mitigating features may be included.

5.0 EFD/EFA/HQMC RESPONSIBILITIES

The EFD/EFA is the key player in the site approval process. Although the EFD/EFA has authority to approve all site approval requests, some EFDs/EFAs have delegated authority for certain types of site approval requests to other commands. Check with the appropriate EFD/EFA for specific policy. Headquarters, Marine Corps has site approval authority for Marine Corps activities in accordance with MCO 8020.10.

The EFD/EFA/HQMC reviews each site approval request for the following:

- Compatibility with the RSIP.
- Conformance to sound land planning principles and practices.
- Operational and functional relationships relative to existing and planned facilities.
- Safety criteria.

Those projects with safety implications require a Safety Certification by the commands that have been assigned the responsibility for overseeing specific safety areas. Before forwarding these requests for site approval to the these commands, the EFD/EFA/HQMC will review the package submitted by the activity/region to make sure that it is correct and complete.

5.1 SITE APPROVAL REQUESTS WITH EXPLOSIVES SAFETY IMPLICATIONS

The primary resource for siting projects with explosives safety implications is the "NAVSEA OP-5, Volume 1, Seventh Revision, Ammunitions and Explosives Ashore, Safety Regulations for Handling, Storing, Production, Renovation and Shipping." This document defines in detail what projects require explosives safety certifications.

The activity/region sends all site approval requests with explosives safety implications to the EFD/EFA/HQMC. A copy of the site approval request must also be sent to the appropriate NOSSA LANT/PAC Explosives Safety Support Office (ESSO) for concurrent review and comment directly to NOSSA. NOSSA LANT/PAC ESSOs have approval authority for storage sites involving Class/Division 1.2.2, 1.3 and 1.4 material (less than 300 pounds). Such requests will be submitted directly to the ESSOs from the EFD/EFA.

After reviewing the site approval request, the EFD/EFA/HQMC sends the site approval request to the Naval Ordnance Safety and Security Activity (NOSSA), Indian Head (Code N711). NOSSA provides approval or disapproval of the explosives safety aspects of the project to the EFD/EFA/HQMC and these comments form the basis for approval or disapproval of the proposed site. NOSSA approves or disapproves site approval requests within their authority. Requests exceeding their approval authority are forwarded to the Department of Defense Explosives Safety Board (DDESB). NOSSA will provide a final approval letter for compliance or rejection with explosives safety criteria to the EFD/EFA/HQMC. The address for NOSSA is:

Naval Ordnance Safety and Security Activity (N711)
23 Strauss Ave
Indian Head, MD 20640-5035
(301) 744-4965
DSN 354-4965
FAX (301) 743-6087

5.1.1 EXPLOSIVES SAFETY CERTIFICATIONS

Site approval requests that exceed the approval authority of NOSSA will be forwarded to the Department of Defense Explosives Safety Board (DDESB) for concurrence. This decision can only be made by NOSSA, therefore all site approval request packages being forwarded to NOSSA must contain sufficient copies of all enclosures to satisfy the additional submission to DDESB. The DDESB has the responsibility to establish safety standards for ammunition and explosives. The Board reviews and approves safety at sites for facilities involving ammunition or explosives, or structures near or affected by explosives safety criteria.

Explosives safety certifications are required on the following types of project site approval requests:

- All new construction of facilities used for ammunition and explosives activities.
- Changes in the use or mission of explosives facilities that modify established ESQD arcs or increase hazards.
- New construction of facilities not involving ammunition and explosives that are so near ammunition and other explosives that they are exposed to hazards or for which a reasonable doubt exists regarding exposure to hazards.
- Changes in an installation mission that expose facilities not involving ammunition and explosives to blast, fire, or fragment hazards or to potential toxic chemical agent release.
- Modification or changes to existing facilities involving ammunition or explosives, or facilities encumbered by an inhabited building ESQD arc, unless they are minor in nature and do not introduce an additional hazard. Modifications are generally defined as any project that actually constructs or adds something new that has not previously existed or that requires wholesale removal of a system or part of a facility for eventual replacement with a similar system.

- Maintenance and repair projects (other than routine) to facilities involving ammunition and explosives, or facilities at less than K=18, intraline distances from a potential explosive source.
- Modification of facilities currently under a waiver/exemption, or construction of a facility that will replace another facility under waiver/exemption.
- Downgrading an ordnance facility to an inert function, or reducing an explosive limit to remove an ESQC arc from an area to allow additional development.
- Non-DOD explosives operations conducted at DON activities.

5.1.2 EXPLOSIVES SAFETY CERTIFICATION WITHOUT SITE APPROVAL

Although maintenance and repair projects do not require site approval, many will require an explosives safety certification due to the location of the proposed work. Projects must be reviewed to identify explosives hazard risks and to make sure that appropriate safety measures are taken. Routine maintenance or minor repairs do not require explosives safety certification. Major modifications or extensive repair work do require an explosives safety certification. Distinguishing between major and minor projects should take into account the following criteria:

- **New Construction** - Any project that adds something that has not previously existed requires site approval/safety certification. Examples include fencing or lighting; construction of a new road or widening of an existing one; or adding mezzanines within a building.
- **Major Modification** - Any project that requires wholesale removal of a system or part of a facility and installation of a similar system requires explosives safety certification. Examples include replacement of roofs or refurbishment/replacement of utilities such as electrical or air conditioning systems.
- **Minor Restoration** - Where damage to a facility has been caused by storms, fires, etc., minor work to repair the facility will not normally require explosives safety certification. However, if the repairs are extensive enough to take a considerable period of time or the work will change the original function of the facility, an explosives safety certification is required.

An explosives safety certification without site approval follows the same process to obtain a site approval with explosives safety certification. The activity completes the NAVFAC Form 11010/31 with the required graphic documentation and forwards it to the EFD/EFA/HQMC with appropriate copies. The EFD/EFA/HQMC reviews the request to make sure it is complete and correct and forwards it to NOSSA for action.

5.1.3 INTERIM CONSTRUCTION AUTHORIZATION

Interim construction authorization is required to temporarily increase the number of non-operational people exposed to an ammunition and explosives hazard. It is granted as a condition of the project site approval or explosives safety certification of a project to permit construction workers to be within the unbarricaded intraline distance (K=18) portion of an inhabited building ESQD arc for the period a project is under construction. When ammunition and explosives operations must continue during construction, additional justification, addressing operational requirements and any additional safety precautions, must be provided.

5.1.4 PROJECTS NOT REQUIRING EXPLOSIVES SAFETY CERTIFICATION

The Navy has tried to limit the kinds of maintenance and repair projects that require explosives safety certification. To that end, the following kinds of projects are excluded from the explosives safety certification process.

- Routine maintenance or repair work that is performed on a regular basis where maintenance workers will be present for only a short period of time. Examples include mowing of grass, removal of underbrush, minor road maintenance, routine railroad track maintenance, and painting of facilities.
- Maintenance and repair projects that are located outside the intraline distance ($K=18$) from a potential explosives source, provided there is no increase in the number of people exposed to an explosive hazard after project completion. Examples include road repairs and repaving, railroad track and bridge repair, roof repairs or maintenance. This exclusion applies to work performed in an ordnance operating facility and magazine, if all explosives are removed from the facility before beginning work and the conditions defined in paragraph OP-5 (paragraph 8-1.2.1b(4)) are met.
- Maintenance dredging projects.
- Airfield and waterfront maintenance and repair and utility replacement projects where the construction work can be controlled so as not to occur at the same time as explosives handling operations. This applies to most naval stations, supply centers, ship repair facilities, and submarine base piers as well as aircraft cargo handling (red label) areas and combat aircraft loading areas where explosives hazards are not continuously present.

This exclusion does not include work performed on or near the piers and wharves at the facilities listed below:

- Naval Weapons Stations Earle, Yorktown, Charleston, and Seal Beach
- Commander, Naval Activities Marianas (Kilo Wharf)
- Naval Magazines Pearl Harbor, and Indian Island
- Naval Station Rota
- NATO Ammunition Depot, Augusta Bay and Souda Bay
- Pacific Division, Port Hadlock Detachment
- Fleet Activities, Sasebo
- Fleet Activities, Okinawa, Tengan Pier
- Submarine Bases Kings Bay and Bangor

5.1.5 FINAL SAFETY REVIEW

A final safety review is part of all site approvals for projects that have explosives safety implications. Normally, the final safety review is issued at the time of the site approval. However, the DDESB often requires that projects that construct explosives operating or storage facilities or facilities located within ESQD arcs undergo a more detailed construction review. A final safety review often is required when the DDESB approves a project site contingent on specific construction requirements.

The DDESB requires that design drawings and specifications be submitted for final safety review. Normally, the information available at the Parametric Cost Estimate (PCE) phase of the design is sufficient for final safety review. The EFD/EFA/HQMC is responsible for assembling the documentation and submitting it to NOSSA who will, in turn, request DDESB final safety approval.

Provide one copy of the final site plan and one complete set of the PCE design drawings and specifications.

The site plan must show the planned development for the proposed project and its immediate vicinity at a scale no smaller than 1 inch equals 400 feet. In most cases, the location plan submitted with the site approval request is sufficient. Provide a topography map with appropriate contours when natural barricades are present, or when topography influences the layout (as in some chemical operations).

Provide a brief summary of the design procedures used if engineered protection is used to reduce the quantity/distance requirements. This summary should include a statement of the design objectives in terms of protection categories to be attained (as defined in NAVFAC P-397), explosives quantities involved, design loads applied, material properties and structural behavior assumptions, and sources of methods used. Detailed calculations are not required. Design of explosion-resistant facilities should be performed by an organization or individual experienced in the field of structural dynamics using design procedures accepted by professionals in the field such as Naval Facilities Engineering Service Center (NFESC), ESC60, Port Hueneme. If you have questions concerning this requirement, contact NAVFAC or NOSSA.

Provide information on the type and arrangement of the explosives operation or chemical processing equipment. Identify the overall explosives limit of the facility as well as the explosives limit for each room or cell.

Provide information regarding the number and type of personnel (civilian or military, and the kind of work they are performing, administration, production, support, etc.) located in offices and operating areas of the proposed project.

When chemical agents are involved, provide information regarding people, protective clothing and equipment, treatment of effluent and waste materials, adequacy of medical support, average wind speed and direction, warning and detection systems, and hazard analysis, as appropriate.

A Requirements Hazard Analysis (RHA) must be performed on all new or modified explosive industrial operations. Based on this analysis, engineering design criteria should be developed for selecting equipment, shielding, engineering controls, and protective clothing appropriate for the facility and operation. Specific requirements are addressed in NAVSEA OP 5.

5.1.6 SITE APPROVAL BY SAFETY ASSESSMENT FOR EXPLOSIVES RISK (SAFER)

If, following a review by NOSSA, it is determined that site approval cannot be granted by using the qualitative tables in NAVSEA OP 5, NOSSA will evaluate the potential for obtaining site approval by using SAFER. This procedure allows consideration for probability of an explosives event and the expected exposure of personnel. Because the information required for review under SAFER differs considerably from that for a conventional site approval, NOSSA will provide the necessary guidance for preparing a SAFER submission, in accordance with Chapter 8 of NAVSEA OP 5.

5.2 SITE APPROVAL REQUESTS WITH ELECTROMAGNETIC RADIATION SAFETY IMPLICATIONS

EMR criteria fall into three distinct areas:

- Hazards of Electromagnetic Radiation to Personnel (HERP)

Strong radio frequency (RF) fields can be hazardous to personnel. Present exposure limits are based on thermal effects - the actual heating of tissue due to the absorption of RF energy. These limits are based on RF exposure over an averaging time that is dependent on frequency and type of exposure. However, the typical averaging time is 6 minutes (0.1 hr). Personnel can be exposed to higher RF fields than those listed, but for shorter periods of time. The safe separation distances for personnel are based on the exposure limits for a six minute interval. Personnel can safely enter this area for shorter periods of time; however, the RF field strengths will increase nearer to the antenna and the allowable exposure time will drop accordingly. HERP safe separation distances are based on the Permissible Exposure Limits (PELs) provided in Department of Defense (DoD) Instruction 6055.11 "Protection of DoD Personnel from Exposure to Radiofrequency Radiation and Military Exempt Lasers," dated February 21, 1995.

- **Hazards of Electromagnetic Radiation to Fuels (HERF)**
Under the right conditions, RF fields can ignite fuel vapors. In order for this phenomenon to occur, there must be a flammable fuel-air mixture within range of the induced arcing, the arc must contain a sufficient amount of energy to cause ignition, and the gap across which the arc occurs must be a certain minimum distance. Handling of fuels under normal circumstances does not produce a flammable atmosphere except close to fuel vents, open fuel inlets, or close to spilled fuel. The flammability of fuels is also dependent upon temperature. At normal temperatures, fuels such as AV-gas, JP-4, and automotive gasoline are flammable. Diesel fuel is not flammable below approximately 120° F. Due to the many variables involved, minimum separation distances have been established between RF communications transmitters and fueling operations at shore stations. For emitters radiating less than 250 watts, the separation distance between the RF source and fuel is 50 feet (15 meters). For transmitters radiating more than 250 watts, the minimum distance is 200 feet (60 meters). For pulsed transmitters such as radars, fuel sites should not be exposed to peak power densities exceeding 5 watt/cm². The HERF criteria are given within NAVSEA OP3565/NAVAIR 16-1-529/NAVELEX 0967-LP-624-6010, Volume 1.
- **Hazards of Electromagnetic Radiation to Ordnance (HERO)**
Radio and radar transmitting equipment produce high intensity electromagnetic fields. Such fields can cause premature initiation of electro-explosive devices (EEDs) contained in ordnance systems. For EMR approvals involving HERO, site approval requests are submitted to NOSSA (N716) with a copy to Naval Surface Warfare Center (NSWC), Dahlgren Division. Many projects that require HERF, HERP, and EMI approvals will also require HERO approval. These are separate approvals and, when required, must be submitted to both SPAWAR, NOSSA, and NSWC, Dahlgren Division.

In addition to these safety considerations, there is also the operational consideration of electromagnetic interference (EMI).

5.2.1 EMR SAFETY CERTIFICATIONS

The CNO has divided the responsibility for safety certifications associated with the hazards of electromagnetic radiation between COMSPAWARSYSCOM for HERP, HERF, and EMI projects and NOSSA with a copy to Naval Surface Warfare Center, Dahlgren Division for HERO projects. Requests for site approvals which require reviews for EMR hazards should be directed to:

Space and Naval Warfare Systems Center (SPAWARSYSCEN) Charleston
Attn: Code 323
P.O. Box 190022
North Charleston, SC 29419-9022

(843) 218-4228
DSN 588-4228
FAX (843) 218-4238

For PACDIV activities, HERP, HERF and EMI reviews should be forwarded to:

Space and Naval Warfare Systems Activity Pacific (SPAWARSYSACT PAC)
Attn: Code D915
675 Lehua Avenue
Pearl City, HI 96782-3356
(808) 471-1976
DSN 315-1976
FAX (808) 474-5511

The EFD/EFA/HQMC reviews the request for site approval documentation determines what safety certifications are required, and makes the appropriate submissions.

Requests for site approval/safety certification are forwarded by the EFD/EFA/HQMC to the appropriate command(s) for the following kinds of projects:

- Installation of a transmitting antenna
- Construction of any facility intended to house EMR-sensitive equipment
- Any project that would place people, fuel, or explosives in an area illuminated by EMR
- Change of equipment that alters the electromagnetic environment

The EFD/EFA/HQMC may approve project sites with HERP, HERF, or EMI implications where the transmitter is less than 7 watts average power and antenna gain is less than 6 dBi, provided that no personnel are within 3 feet of the transmitting antenna and there are no fueling operations within 50 feet. Otherwise, the request for site approval is sent to the appropriate SPAWARSYSCOM reviewing activity.

SPAWAR does not centrally fund HERP, HERF, or EMI reviews. Navy activity/region requesting site approval must fund them. The appropriate SPAWAR office will develop a case-by-case cost estimate for the site approval/safety certification. Costs normally range from \$8000 to \$20,000 or more, depending on the number of systems that must be reviewed. NAVCOMPT funding documents will then need to be forwarded before the review can begin. Note that no progress will be made on the site approval request until funding is received. These reviews can take from three to eight weeks or more, depending on the complexity of the analysis.

5.2.2 PROPOSED SITES WITH HERO IMPLICATIONS

For projects involving HERO safety criteria, site approval requests will be forwarded to NOSSA (N716) with a copy to:

NSWC, Dahlgren Division
Attn: Code (J50)
17320 Dahlgren Road

Dahlgren, VA 22448-5100

e-mail address: j50@nswc.navy.mil

Comments on requests for site approvals involving HERO criteria are provided to the EFD/EFA/HQMC by NSWC, Dahlgren Division. Projects involving fire alarm radio transmitters of 1 watt of power or less, and located at least 10 feet from "HERO Unsafe" ordnance or 5 feet from "HERO Susceptible" ordnance, need not be submitted for review. These transmitters would be included in the list of transmitters submitted as the pre-HERO survey data package in accordance with OP 3565, Volume 2.

NOSSA does not currently fund the costs of HERO impacted site reviews. Navy activities/regions requesting site approval must fund them. NSWC DD will develop a case-by-case cost estimate for the site approval request/safety certification. NAVCOMPT funding documents will then need to be forwarded before the review can begin.

5.3 SITE APPROVAL REQUESTS WITH AIRFIELD SAFETY IMPLICATIONS

"NAVFAC P-80.3, Airfield Safety Clearances," provides criteria and regulations with respect to lateral and vertical clearances for siting facilities near runways. The purpose of these criteria is to provide a safe operating environment at Navy air stations. New facilities, including temporary, permanent, and mobile structures, must be located and constructed in accordance with these criteria.

Some project sites at airfields will require a waiver of the airfield safety criteria. Where appropriate, NAVAIRSYSCOM will grant waivers for deviations from airfield safety criteria. These waivers are considered when the degree of deviation from criteria can be precisely documented and, in the opinion of NAVAIRSYSCOM, the deviation from safety criteria is balanced by operational needs. To avoid the need for safety waivers and to minimize their issuance and project delays, the activity should contact NAVAIRSYSCOM (AIR 8.0) during the planning stages of the project to discuss the need/justification for deviation from airfield safety criteria. Consultation during the planning stage allows changes to be incorporated into the project, prior to design, that will allow the project to meet safety criteria.

NAVAIRSYSCOM will comment on the site approval request and whether a request for waiver of criteria will be favorably considered. The airfield safety criteria waiver is a condition of the site approval. If it is indicated that a waiver would be favorably considered, the request for a waiver should be sent from the activity/region to NAVAIRSYSCOM (AIR 8.0) approximately 60 days before construction. The address for NAVAIRSYSCOM waiver review is:

Naval Air Systems Command
Bldg 404
22145 Arnold Circle
Unit 7
Patuxent River, MD 20670-1541
Attn: Air 8.0

When planning project sites that may impact air space, you must coordinate with the cognizant Navy representative ("NAVREP") in the Federal Aviation Administration (FAA) regional office. FAA concurrence with the proposed project site must be included in the site approval request.

5.3.1 AIRFIELD SAFETY CERTIFICATIONS

NAVAIRSYSCOM does not certify airfields. If the airfield meet the requirements of the NAVFAC P-80.3, it meets the minimum airfield safety requirements established for the Navy. If there are potential violations to the safety criteria, a request for airfield safety waivers should be forwarded to NAVAIR (AIR 8.3) for review.

5.4 SITE APPROVAL REQUESTS FOR SMALL ARMS RANGES

Requests for site approval for small arms ranges are submitted by the EFD/EFA/HQMC to the CNO (N411). The EFD/EFA/HQMC reviews the request to make sure it conforms with design criteria and forwards comments with the site approval request. The CNO approves or disapproves the request and notifies the EFD/EFA/HQMC. NOSSA reviews the request for site approval of a small arms range only when the project site is encumbered by an Explosives Safety Quantity Distance (ESQD) arc or the range safety zone overlays ammunition/explosives related facilities.

5.5 RADIOACTIVE MATERIAL / RADIOACTIVE PRODUCING MACHINES

Projects involving radioactive material or radioactive producing machines should be sent for review and approval to:

Officer in Charge
Radiological Affairs Support Office (RASO)
COMNAVSEADDET-RASO Code 06GNS
Naval Weapons Station Yorktown
Yorktown, VA 23691-5098

Phone: DSN 953-4692
Comm: (804) 887-4692

Drainage, specifications and a description of radioactive material/machine should be submitted. Items to be included with submittal include materials, safety seals, intrusion alarms, warning lights, etc.

6.0 REQUIRED DOCUMENTATION FOR SITE APPROVAL REQUESTS

The NAVFAC Form 11010/31, Request for Project Site Approval/Explosives Safety Certification, is the form used in the site approval process. Note that the form has two parts. Part I includes general information on the project, including an area for the various approvals. Part II has three divisions, Division A requires information for projects with explosives safety implications, Division B is for airfield safety, and Division C is for electromagnetic radiation safety.

6.1 NAVFAC FORM 11010/31 REQUEST FOR PROJECT SITE APPROVAL/ EXPLOSIVES SAFETY CERTIFICATION

The format of NAVFAC Form 11010/31 is for use by the activity/region and EFD/EFA/HQMC. The information to be inserted into each block on NAVFAC Form 11010/31 Parts I and II is described in the following paragraphs.

6.1.1 NAVFAC FORM 11010/31 PART 1, SECTION A, INSTALLATION SUBMISSION

This section is to be filled out by the originating activity/region.

Block 1. TO

Enter the name of the cognizant EFD/EFA/HQMC. Do not use abbreviations.

Block 2. FROM

Enter the originating activity name and location. Do not use abbreviations.

Block 3. PROGRAM YEAR

Enter the Fiscal Year in which the project is proposed for funding. If the project is currently unprogrammed, enter "UP".

Block 4. COST (\$000)

Enter the estimated cost of the project in thousands of dollars.

Block 5. TYPE FUNDING

Enter "MILCON" for Military Construction, "O&M,N" for Operations and Maintenance, Navy, "NAF" for Nonappropriated Funds, "NWCF" for Navy Working Capital Fund, "GOJ" for Government of Japan funded, "NATO" for North Atlantic Treaty Organization funded, etc. "Other" can be used for miscellaneous funding sources.

Block 6. ACTIVITY UIC

Enter the Unit Identification Code (UIC) of the originating activity/region.

Block 7. DATE

Enter the preparation date. Subsequent revisions should reflect new dates, do not reuse the same form as was previously submitted, if the project is being resubmitted.

Block 8. CATEGORY CODE & PROJECT TITLE

Enter the five-digit category code number from NAVFAC P-72 for the primary facility. In the case of a multi-use facility, enter the category code of the predominant use. The project title is the nomenclature from NAVFAC P-72 or a local description of the project. Name the special area if the project is not located at the primary activity.

Block 9. PROJECT NUMBER

For Military Construction, enter the full "P-number". For other than MILCON projects, enter the Special Project number or an activity project number or use "Not Applicable (N/A)."

Block 10. TYPE OF PROJECT

Check all blocks which apply to the project, giving additional details in Block 12.

Block 11. TYPE OF REQUEST

Check the blocks which describes the type of request. If the project has been submitted before, check "Resubmittal" and include appropriate remarks in Block 12 to explain why.

Block 12. PROJECT DESCRIPTION

Briefly describe the proposed project. This may include type of construction materials, special construction features such as hardening, shatterproof windows, electromagnetic radiation shielding, etc. Include any descriptive details which may be necessary for clarity such as location in relationship to safety criteria, utilities or site work, rationale for proposed siting, past history of the project if it is a resubmission, etc.

Block 13. PROJECT MAPS

Indicate the number of sets of the project maps attached to the NAVFAC Form 11010/31. Enter "N/A" if no maps are attached.

Block 14. PARTS OF NAVFAC FORM 11010/31

Identify which supplemental Part II of the NAVFAC Form 11010/31 is included. Projects which are encumbered by safety criteria will require one or more Divisions of Part II.

6.1.2 NAVFAC FORM 11010/31 PART 1, SECTION B, EFD REVIEW

This section will be completed by the EFD/EFA/HQMC. For those projects which are forwarded for Safety Certification, the EFD/EFA/HQMC will ensure that the appropriate number of copies of the project siting documentation and maps are attached.

Block 1. NAME/CODE/PHONE NUMBER OF REVIEWER/E-MAIL ADDRESS

Enter the name, code, and phone number and e-mail address of the EFD/EFA/HQMC representative who has performed the site approval action.

Block 2. DATE RECEIVED

Enter the date project was received by the EFD/EFA/HQMC.

Block 3. EVALUATION

Enter summary of the evaluation of the site.

Block 4. SAFETY REVIEW REQUESTED

Check the appropriate box(es) indicating which review authorities will review the site approval/safety certification request.

Block 5. DATE FOWARDED

Enter the date the EFD/EFA/HQMC has forwarded the site approval request/safety certification.

Block 6. DATE OF SAFETY CERTIFICATION

Enter the date of the safety certification.

6.1.3 NAVFAC FORM 11010/31 PART 1, SECTION C, FINAL SITE APPROVAL ACTION

This section is for use by the EFD/EFA/HQMC to document the Final Site Approval Action for the site. Site approval, disapproval, the conditions of approval, additional reviews, or waivers required and the safety certification documentation are identified in this section. The EFD/EFA/HQMC will forward a copy to the appropriate activity and monitor future action to comply with the conditions of the site approval.

Block 1. APPROVALS

Check the appropriate boxes which apply to the site approval/explosives safety certification request.

Block 2. CERTIFICATION IDENTIFICATION

Enter the identification serial and date of the safety certification letter from NAVAIRSYSCOM, SPAWARSYSCOM, or NOSSA.

Block 3. REMARKS

Enter any conditions for approval of the project, e.g., a time limit for occupancy, special construction features, remove ordnance during construction, etc.

Block 4. OTHER APPROVALS REQUIRED

Check the box indicating follow-on approvals required to complete site approval action. Note "Airfield Safety Waiver Required" requires action by the activity commanding officer and "Final Explosives Safety Review" requires action by the EFD/EFA/HQMC.

Block 5. APPROVING OFFICIAL

Signature of official approving this site

Block 6. DATE

Enter date of action.

6.1.4 NAVFAC FORM 11010/31 PART II

Site approval for projects which are involved with or encumbered by ammunition and explosives, electromagnetic radiation, and airfield safety require safety certification from the command responsible for enforcing the safety criteria before site approval can be granted. It is the responsibility of the originating activity to provide the required justification and rationale and any maps needed to clarify the proposed project location relative to the safety criteria requirements or violations. The host activity or EFD/EFA/HQMC may insert additional justification as appropriate to fully explain any sitting constraints applicable to the proposed project.

6.1.4.1 SAFETY REVIEW FOR AMMUNITION AND EXPLOSIVES - PART II, DIVISION A

In addition to the information contained in Part I, the information required by Part II, Division A of NAVFAC Form 11010/31 is needed with site approval requests requiring ammunition and explosives safety review prior to site approval. Maps and plans illustrating this information must also be enclosed.

Block 1. NEW/CLASS/DIVISION/ESQD ARC(S) OF PROJECT

If the project will include ammunition or explosives operations or storage, state the Class and Division and the Net Explosives Weight (NEW). Indicate the ESQD arcs (if any) created by the proposed project. Indicate distances from Inhabited Building(s) (IB), Intraline (IL), Intermagazine (IM), Public Transportation Route (PTR), Barricaded (B), and Unbarricaded (UB) as defined by NAVSEA OP-5. Use a continuation sheet if needed.

Block 2. CNO WAIVERS & EXEMPTIONS

List and state the reason for existing CNO waivers and exemptions which relate to the project, and indicate those which will be eliminated by the proposed project.

Block 3. PERSONNEL

Enter the numbers of personnel, proposed and existing, who will be exposed to an explosives hazard as a result of the proposed project. This would include personnel located within the proposed facility, or within the inhabited building ESQD arc created by the proposed facility. Make a note in Block 3 if the new personnel within the arc will be relocated from another ESQD arc.

Block 4. FACILITY NUMBER/TYPE

Identify all existing or planned facilities inside or in close proximity to ESQD arcs associated with the project or that generate arcs encumbering the project. State the facility number (this should correspond to the numbers on the enclosed plans and maps), and the type of operations performed there.

List the numbers of personnel associated with each facility. Indicate the NEW Classes and Divisions of ammunition and explosives, or other hazardous materials in facilities located within the inhabited building distance of the proposed project.

Indicate the distances between facilities and the proposed project (if appropriate) to include both the actual distances and the distances required by the criteria of OP-5.

Block 5. SITING RATIONALE

State the reason for the proposed project location including strategic, operational, functional and/or time constraints which dictate or influence location of the facility. Also, state economic factors which may influence the project location. Discuss any feasible alternatives and the reasons for rejecting these alternatives. Use the reverse side of the form or an attachment if additional space is needed.

Block 6. SIGNATURE OF PUBLIC WORKS OFFICER/BASE CIVIL ENGINEER

The signature of the Public Works Officer/ Base Civil Engineer including e-mail address.

Block 7. TELEPHONE NUMBER

List both DSN and commercial telephone numbers of the Public Works Officer/Base Civil Engineer .

Block 8. DATE

Enter date of the signature.

Block 9. SIGNATURE OF EXPLOSIVE SAFETY OFFICER/INSTALLATION SAFETY OFFICER

The signature of the Explosive Safety Officer/Installation Safety Officer including e-mail address.

Block 10. TELEPHONE NUMBER

List both DSN and commercial telephone numbers of the Explosive Safety Officer/Installation Safety Officer.

Block 11. DATE

Enter date of the signature.

6.1.4.2 AIRFIELD SAFETY REVIEW – PART II, DIVISION B

In addition to the information contained in NAVFAC Form 11010/31 Part I, the information required on Part II, Division B of NAVFAC Form 11010/31 is needed with all site approval requests requiring airfield safety review. Maps and plans illustrating this information must be enclosed. The maps should include both existing conditions and proposed changes. It is also important that site approval requests be coordinated with the air operations officer so that all are aware of potential impact on air operations.

Block 1. RUNWAY NUMBER AND TYPE

Enter the runway number whose safety criteria is violated by the proposed project, noting whether it is Class A or B.

Block 2. AIRFIELD ELEVATION

Enter the elevation of the runway centerline at the point at which a perpendicular line would intersect the project site.

Block 3. GROUND ELEVATION AT PROJECT SITE

Enter the ground elevation at the project site.

Block 4. LATERAL DISTANCE FROM RUNWAY CENTERLINE

Enter the distance from the end of the runway, if applicable, or of a perpendicular line from the runway centerline or centerline extended to either the nearest point of the proposed project or the highest point of the proposed project, whichever is the most restrictive in terms of criteria violations.

Block 5. HEIGHT OF FACILITY

Enter the total height of the proposed facility. If the portion of the proposed project closest to the runway is not the highest part of the building, but is the most critical in terms of safety criteria, that height must also be stated. The objective is to identify anything that penetrates an airfield imaginary surface or encroaches a clear zone.

Block 6. HORIZONTAL DISTANCE TO RUNWAY PRIMARY SURFACE, OR EDGE OF PARKING APRON

State the horizontal distance from the runway primary surface to the closest or highest part of the project. If parking apron is involved, provide the distance from the parking apron edge to the project. Identify the clear zones by type (I, II, III) if any are encroached upon.

Block 7. SITING RATIONALE

State the reason for the proposed project location including operational, functional, and/or time constraints which dictate or influence the location of the facility. Also, state any economic factors such as cost avoidance, self-amortization, energy conservation, etc., which may influence the project location. Discuss any feasible alternatives and the reasons for rejecting these alternatives. (Use reverse side of form if additional space is needed.)

Block 8. EXISTING WAIVERS

State the waiver number and describe the conditions of any existing airfield waivers associated with the proposed project. Indicate whether or not the need for the waivers will be removed as a result of this project.

Block 9. ZONING

Describe the applicable portions of local ordinances, zoning regulations, and other county and state controls relative or applicable to the project, along with current zoning regulations, decisions, and policies.

Block 10. POINT OF CONTACT

Enter the name of the point of contact at the activity who can supply additional information concerning the proposed project including the e-mail address.

Block 11. TELEPHONE NUMBER

List both DSN and commercial telephone numbers of the activity point of contact.

Block 12. REQUESTED BY

Enter name of activity official requesting site approval. The Air Operations Officer is also required to sign the request.

Block 13. DATE

Enter date of request.

6.1.4.3 ELECTROMAGNETIC RADIATION REVIEW PART II, DIVISION C

In addition to the information required by Part I, the information required by Part II, Division C of NAVFAC Form 11010/31, is needed with site approval requests requiring review and certification for Hazards of Electromagnetic Radiation to Ordnance (HERO), to Fuels (HERF) and to Personnel (HERP). Assistance in developing site approval documentation for sites with HERF and HERP implications is available from the Space and Naval Warfare Systems Center (SPAWARSYSCEN) Charleston, and the Space and Naval Warfare Systems Activity Pacific (SPAWARSYSACT PAC), for activities in the PACNAVFACENGCOM area of responsibility. Maps and plans illustrating this information must also be enclosed.

Note that Section I NAVFAC Form 11010/31, Part II, Division C, pertains to transmitter information. Sections 2 and 3 deal with antenna information and either one shall be completed depending upon which type of antenna is coupled to the transmitter. Section 2 Linear Antenna applies primarily to wire, vertical pole or tower, or multiple element antennas for low frequency (LF) through ultra high frequency (UHF) communications. Section 3 Aperture Antenna applies primarily to dish type or similar antennas for UHF and above communication (satellite, microwave, etc.) and radar antennas. Sections 4 through 6 apply to all transmitter installations and provide information on the locations of potential hazard areas relative to the transmitting antennas.

Section 1. TRANSMITTER

The following section describes the information required for transmitter installations or for projects affected by transmitters.

Block 1.(a) MANUFACTURER'S NAME/TYPE

Enter the manufacturer's name and model number if available. Also type of-transmitter e.g., satellite communications, precision approach radar, communications, etc.

Block 1.(b) NOMENCLATURE

Enter the transmitter military reference number, (such as AN/FRT-39).

Block 1.(c) FREQUENCY ALLOCATION/ASSIGNMENT STATUS

Enter the approved frequency allocation number and indicate whether a frequency assignment request has been submitted through the appropriate channels to NAVEMSCEN..

(1) Navy and DoD policy requires that electronic equipment that uses the electromagnetic spectrum must obtain a frequency allocation. Each piece of equipment or system will have an assigned number known as J/F- 1 2 number.

(2) Enter the Federal Communications Commission (FCC) Type Acceptance Number if the frequency allocation number is not available. This applies only to commercial off-the-shelf equipment. Civilian equipment parameters are reviewed by the FCC in a manner much like the DoD frequency allocation process. The number assigned is generally the same as the manufacturer's model number. For example, the TERRACOM TCM-602 transmitter is TCM-602. FCC Type Acceptance does not exempt equipment from the DoD frequency allocation process. A frequency allocation is still required for all equipment developed, leased, or procured by any DoD agency or DoD contractor.

(3) Navy and DoD policy requires that a frequency assignment request be submitted before an RF system can be operated at a particular location. The submission of this request should be done as soon as possible, since it can take weeks or even months to be processed. If the system is to be installed in a foreign country, the process can take up to a year or more, since coordination with the host nation must be done at the CINC level.

Block 1.(d) FREQUENCY RANGE

Enter the transmitter Radio-Frequency (RF) tuning range or exact frequencies to be used, in megahertz (MHz).

Block 1.(e) OUTPUT POWER INFORMATION**Block 1.(e)(1) PEAK ENVELOPE POWER (PEP)**

This blank must be completed for all amplitude modulated and pulse modulated systems. The PEP is the power supplied to the antenna transmission line by a transmitter during one radio-frequency (RF) cycle at the highest crest of the modulation envelope, under normal operating conditions.

Block 1.(e)(2) MEAN/AVERAGE POWER

The mean/average power is defined as the power supplied to the antenna transmission line averaged over a period of time sufficiently long enough to compare it with the period of the lowest frequency encountered in the modulation. A time of 0.1 (1/10th) second during which the mean power is greatest is normally selected. For a pulse system, the average power is calculated as:

$$\text{Average Power} = \text{Peak Power} \times \text{Pulse Duty Cycle (see Block 2(g))}$$

Note: Provide the transmitter emission designator in the same block. (e.g., AM: J3E or FM:F1B)

Block 1.(f) MODULATION TYPE INFORMATION

Check the block which identifies the general modulation type.

Block 1.(g) PULSE CHARACTERISTICS

This data is only applicable to pulse-modulated systems such as radar

Block 1.(g)(1) PULSE WIDTH

Enter the pulse duration (PD) or width (in microseconds). Pulse duration is the time interval between the points at which the instantaneous value on the leading and trailing edge is 90 percent of the peak pulse amplitude.

Block 1.(g).(2) PULSE REPETITION FREQUENCY (PRF)

Enter PRF in Hertz (Hz). The PRF is the rate at which pulses or a group of pulses are transmitted. If several different pulse rates are employed by the system, each rate should be listed along with pulse widths that will be used with each rate; e.g. 320 Hz—0.3, 1.0 μ sec; 640—0.3 μ sec.

Block 1.(g).(3) DUTY CYCLE

Enter the duty cycle, if available. The duty cycle is either (1) the ratio of the average power output to the peak power output of the wave form, or (2) the pulse duration (PD) times the pulse repetition frequency ($PD \times PRF = \text{Duty Cycle}$). Either method will produce a "pulse time on" versus "pulse time off" ratio which can be multiplied by peak power to determine average power.

Section 2. LINEAR ANTENNA**Block 2.(a) MANUFACTURER'S NAME/TYPE**

Enter the manufacturer's name and model number. Also the type of antenna e.g., whip, rotatable log periodic antenna (RLPA), multiple element beam antenna (YAGI), dipole, conical monopole.

Block 2.(b) NOMENCLATURE

Enter the antenna military reference number if available (such as AS-3482/GRC).

Block 2.(c) DIMENSIONS

Enter the physical or electrical size of the antenna in feet. This would include the length or height of the antenna radiating elements.

Block 2.(d) HEIGHT ABOVE GROUND

Enter the elevation of the base (lowest point) of the antenna above ground level; e.g. height to be mounted to the pole, tower, or building, etc. in feet. If the base of the antenna is on the ground, enter zero. Enter the ground elevation and the height of the antenna's mounting platform; e.g., building, tower, etc., in feet.

Block 2.(e) ELEVATION ANGLE

Enter the elevation angle in degrees. This is the angle above the horizontal (or below) to the center line of the main beam lobe. For electronic and mechanical scanning system, this is the lowest vertical angle to which the antenna can be depressed. List the different main beam lobe angles for antenna systems that have a selective pattern, when applicable.

Block 2.(f) POLARIZATION/PATTERN

Enter the polarization and pattern of the antenna. Polarization refers to the orientation of the radiated electromagnetic wave relative to the ground plane. Usually horizontal (H) or vertical (V) should be entered. Provide radiation pattern description and include a diagram depicting the actual lobe structure, if available. Information on antenna pattern may be obtained from the antenna manufacturer.

Block 2.(g) MAIN BEAM GAIN

Enter the main beam gain in decibels (dBi). Antenna gain is generally expressed in maximum gain over an isotropic antenna (dBi). Unless otherwise indicated, by specifying dBd, the gain will be assumed to mean gain over an isotropic antenna. Specifying dBd indicates that the maximum gain is over a dipole antenna.

Block 2.(h) COVERAGE ANGLE

If the antenna can be moved or scanned, mechanically or electronically, in azimuth, enter the horizontal main beam coverage angle in degrees. Information on antenna pattern and coverage angle may be obtained from the antenna specification. (For instance, a fully rotating antenna would have a coverage angle of 360°).

Section 3. APERTURE ANTENNA**Block 3.(a) MANUFACTURER'S NAME/TYPE**

Enter the manufacturer's name and model number, the same as with linear antennas. Also the type of antenna e.g., three meter horn, Fed Parabolic Reflector, Cassegrain Reflector.

Block 3.(b) NOMENCLATURE

Enter the antenna military reference number, the same as with linear antennas.

Block 3.(c) DIMENSIONS

Enter the physical size of the antenna, in feet. This would include the width and height of a rectangular antenna, or diameter of a circular antenna.

Block 3.(d) HEIGHT ABOVE GROUND

Enter the elevation of the base (lowest point) of the antenna above ground level; e.g. height to be mounted to the pole, tower, or building, etc. in feet. If the base of the antenna is on the ground, enter zero. Enter the ground elevation and the height of the antenna's mounting platform; e.g., building, tower, etc., in feet.

Block 3.(e) MINIMUM ANTENNA ELEVATION ANGLE

Enter the minimum elevation angle in degrees. This is the lowest vertical angle to which the antenna can be depressed. It could range from directly overhead (+90°) to straight down into the ground (-90°).

Block 3.(f) HORIZONTAL BEAM WIDTH

Enter the horizontal beam width in degrees. This is the angle in degrees between the 3dB points (half power points) of the main beam measured in a horizontal plane.

Block 3.(g) VERTICAL BEAM WIDTH

Enter the vertical beam width in degrees. This is the same as horizontal beam width, but in a vertical plane.

Block 3.(h) SCAN CHARACTERISTICS**Block 3.(h)(1) TYPE OF SCANNING**

Enter the type of scanning, indicating "electronic," "mechanical," or combination. The term "electronic" denotes an antenna that does not physically move, but rather shifts the direction of the main beam by means such as switching or phasing the antenna elements. The term "mechanical" denotes the physical rotation of an antenna.

Block 3.(h)(2) VERTICAL/HORIZONTAL SCANNING COVERAGE

Enter the vertical and horizontal scanning in degrees or revolutions per minute (RPM). If an electronic scan system, degrees are applicable. If a mechanical scan system, RPMs or degrees may be applicable.

Block 3.(i) GAIN

Enter gain relative to an isotropic antenna (dBi).

Block 3.(i)(1) MAIN BEAM

The main beam gain is that solid lobe radiating away from the antenna in which the highest output power is transmitted. It encompasses the entire solid lobe over which the output power is not less than 3 dB below the highest output power (half power point).

Block 3.(i)(2) FIRST SIDE LOBE GAIN

In addition to the main beam, most antennas also exhibit secondary areas of increased transmission capability. These areas are called side lobes. Side lobes tend to fan out from the centerline of the main beam. The side lobe closest to the main beam is called the first side lobe. The gain of this side lobe is relative to the gain of the fundamental main beam described above. List all first side lobe gains associated with their main beam gain.

Block 3.(j) COVERAGE ANGLE

If the antenna can be moved or scanned mechanically or electronically, in either azimuth or elevation, enter the elevation and horizontal main beam coverage angle in degrees. This would include a maximum and minimum elevation, e.g., a radar may have an azimuth coverage angle of 360° and an elevation coverage of -7° to +85°. Information on antenna pattern/coverage angle may be obtained from the antenna manufacturer.

Block 4. HERP (Hazards of Electromagnetic Radiation to Personnel)**Block 4.(a)**

For transmitter antenna installations enter the location and description of occupied buildings under or in the vicinity of the electromagnetic umbrella. The description of the building should include its height and its structural composition; e.g., corrugated metal walls or poured concrete with metal backing. If the project is for a building, rather than antenna, indicate which antennas radiate upon the building.

Block 4.(b)

Discuss methods for restricting personnel from the hazardous areas. Topography and grade differences between personnel use areas and potential hazard sources should be highlighted and discussed. (When more space is required, attach a continuation sheet.)

Block 5. HERF (Hazards of Electromagnetic Radiation to Fuel)**Block 5.(a)**

Enter the location of the nearest fueling operation. Indicate what the facility is, e.g., gas station, storage tank, tank truck parking, (storage or handling).

Block 5.(b)

Enter the type of fuel to be stored or handled near the proposed transmitter.

Block 6. HERO (Hazards of Electromagnetic Radiation to Ordnance)

Enter HERO classification of ordnance at the activity (i.e., SAFE, SUSCEPTIBLE, UNSAFE) and complete NAVFAC Form 11010/31 Part II Division A to identify the type, class, location and quantity of explosive in the vicinity of a potential EMR hazard source.

Block 7. POINT OF CONTACT

Enter the name of the point of contact at the activity who can provide additional information concerning the proposed project including the e-mail address.

Block 8. TELEPHONE NUMBER

List both DSN and commercial telephone numbers of the point of contact.

Block 9. REQUESTED BY

Enter name of activity official requesting site approval.

Block 10. DATE

Enter date of request.

6.2 REQUIRED GRAPHIC DOCUMENTATION

In addition to the justification and rationale documented on NAVFAC Form 11010/31, plans and maps showing the proposed project location in relationship to the activity's planned land use, existing facilities, and siting constraints are a necessary part of each site approval request.

6.2.1 LOCATION MAP

The location map must show the project site relative to its location on the activity. Features which must be emphasized are the project's relationship to existing structures and facilities, natural and man-made development constraints, and the project's impact on planned development. This map should be a copy of the activity existing conditions map, land use, or ultimate development plan annotated as necessary to show the above relationships.

6.2.2 SITE PLAN

The site plan should be at a scale no smaller than 1 inch = 400 feet and provide information on the project and its site development as follows:

- Project location showing project orientation and adaptation to topography and existing facilities.

- Vehicular circulation and access to the project environs.
- Utility distribution systems.
- Natural and/or man-made constraints in the vicinity of the proposed project, and the planned mitigation of these constraints.
- Structure separation requirements necessary for fire safety.
- Scale and North arrow.
- Date information on the map was certified.

6.2.3 SPECIALIZED GRAPHIC DATA

In addition to the graphic data required for site approval outlined above, specialized safety criteria data must be highlighted on site plans for all projects which must receive a Safety Certification. In instances where more than one set of criteria must be addressed it should, as far as practical, be illustrated on the same site plan.

- **Safety Certification for Ammunition and Explosives**
Site plans for projects involving ammunition and explosives safety criteria must include the following data:
 - (a) Outline in yellow the existing inhabited building ESQD arcs in the vicinity of the project site.
 - (b) Outline in red the intermagazine, intraline, or public transportation route arcs where applicable.
 - (c) Outline in green all new arcs or any arcs which will change as a result of the proposed project.
 - (d) Show the point of origin, length of radius, quantity of explosives, and K-factor for all arcs identified on the map.
 - (e) Identify by facility number all facilities within inhabited building ESQC arcs of a proposed or modified explosive facility as well as all facilities listed in Block 4 of NAVFAC Form 11010/31 Part II Division A.
- **Airfield Safety Certification**
Site plans for projects involving airfield safety criteria must include the following data:
 - (a) Airfield elevation.
 - (b) Ground elevation at the project location.
 - (c) Lateral distances (in feet) from the runway centerline, edge of aircraft parking aprons or taxiways to the critical points of the proposed project location.
- **Electromagnetic Radiation Safety Certification**
Site plans for projects involving electromagnetic radiation safety criteria must show and highlight the following.
 - (a) Show explosives transportation routes in the vicinity of radio frequency generating facilities. (HERO)
 - (b) Show ammunition and explosives storage and/or operating facilities. (HERO)
 - (c) Show the position and relationship between radio frequency generating facilities and personnel support facilities, inhabited buildings, and transportation routes. (HERP)
 - (d) Show the position and relationship between radio frequency generating facilities and storage, handling and processing facilities for volatile materials.

6.3 NUMBER OF COPIES

All copies of the site approval request are sent by the activity/region to the cognizant EFD/EFA/HQMC for action. All action on a site approval or a safety certification request must be documented on the original

NAVFAC Form 11010/31 (Parts I and II). The required number of copies of the request is determined by the type of project and the review process. One complete set of all documents should be retained in the activity files. The other sets should be forwarded to the EFD/EFA/HQMC for distribution as appropriate.

Copies of site approval requests for ammunitions and explosives:

- (a) Submitted for NOSSA review—4 copies
- (b) Submitted only to NOSSA LANT/PAC—2 copies

6.4 SPECIAL CONSIDERATIONS IN THE SITE APPROVAL PROCESS

Here are some special consideration in the site approval process.

6.4.1 SITING FOR FAMILY HOUSING PROJECTS

Site approval for family housing projects is requested and provided on a project basis rather than an individual housing unit basis. Site selection for family housing projects is started by the EFD/EFA on notification from the Housing Division at NAVFACHQ. The same procedures are used for family housing. You must obtain site approval before starting the Site Engineering Investigation (SEI) phase of family housing development.

6.4.2 NAVY PROJECTS ON NON-NAVY LAND

If Navy projects are to be located on land not owned by the Navy, site approval must come from the property owners. Follow the siting criteria and site approval procedures of the property owners(s) or host command. Where there are no established site planning criteria or site approval review/approval process for the non-Navy location, request Navy site approval review as described herein.

6.4.3 NON-NAVY PROJECTS ON NAVY LAND

Non-Navy owned facilities to be located on Navy property must follow the site approval procedures provided here.

6.4.4 CLASSIFIED SITE APPROVALS

Requests for site approvals that are classified are developed and submitted using the same procedures as unclassified requests. Appropriate procedures for handling classified material must, of course, be followed.

REQUEST FOR PROJECT SITE APPROVAL/EXPLOSIVES SAFETY CERTIFICATION NAVFAC 11010/31 (REV. 5-2001)

PART I

INSTRUCTIONS IN NAVFACINST 11010.45

SECTION A – INSTALLATION SUBMISSION

1. To:			2. From:		
3. Program Year:	4. Cost (\$000):	5. Type Funding	6. Activity UIC	7. Date:	
8. Category Code and Project Title:				9. Project Number	
10. Type of Project: <input type="checkbox"/> New Construction <input type="checkbox"/> Relocation of Structure <input type="checkbox"/> Other <input type="checkbox"/> Change Use <input type="checkbox"/> Maintenance and/or Repairs <input type="checkbox"/> Addition to Existing Facility <input type="checkbox"/> Repair by Replacement <input type="checkbox"/> Major Modification to Existing Facility <input type="checkbox"/> Demolition			11. Type of Request: <input type="checkbox"/> Airfield Safety Site Approval <input type="checkbox"/> Explosives Site/Safety Certification <input type="checkbox"/> EMR Site Approval <input type="checkbox"/> Resubmittal or Standard Site Approval (No Safety Criteria Involved)		
12. Project Description					
13. _____ Sets of Project Maps Attached			14. _____ Sets Part II Division(s) _____ Attached		

SECTION B – EFD REVIEW

1. Name/Code/Phone No. of Reviewer/E-Mail Address:			2. Date Received:		
3. Evaluation:					
4. Safety Review Requested: (check appropriate box(es)) <input type="checkbox"/> NOSSA <input type="checkbox"/> DDESB <input type="checkbox"/> SPAWAR <input type="checkbox"/> NAVAIR <input type="checkbox"/> CNO <input type="checkbox"/> OTHER				5. Date Forwarded:	
6. Date of Safety Certification: _____ _____ _____ _____ _____ _____ NOSSA DDESB SPAWAR NAVAIR CNO OTHER					

SECTION C – FINAL SITE APPROVAL ACTION

1. Approvals: <input type="checkbox"/> Site Approved <input type="checkbox"/> Site Disapproved <input type="checkbox"/> Deferred/Returned <input type="checkbox"/> Explosives Safety Certification Approved <input type="checkbox"/> Explosives Safety Certification DISAPPROVED <input type="checkbox"/> Interim Construction Waiver Approved		2. Certification Identification:	
		3. Remarks	
4. Other Approvals <input type="checkbox"/> Airfield Safety Waiver Required Required <input type="checkbox"/> Final Explosives Safety Review Required		5. Approving Official:	
		6. Date:	

PART II DIVISION A-EXPLOSIVES SAFETY

INSTRUCTIONS IN NAVFACINST 11010.45

1. NEW/Class/Division/ESQD arcs* of project:

2. CNO Waivers and Exemptions:

3. Personnel: (numbers):

	Proposed	Existing
Military:		
Civilian:		
Other:		
Total:		

4. Facility Number/Type Personnel NEW Class/Division Distance*
Actual/Required

5. Siting Rationale:

*Distance from project. Specify IB, (Inhabited Building); IL, (Intraline); IM, (Intermagazine); PTR, (Public Transportation Route); B (Barricaded); UB, (Unbarricaded)

6. Signature of Public Works/Base Civil Engineer (Name/Code) Incl E-Mail Address

9. Signature of Explosive Safety Officer/Installation Safety Officer
Incl. E-Mail Address

7. Telephone Numbers:

()
DSN

8. Date:

10. Telephone Numbers:

()
DSN

11. Date:

REQUEST FOR PROJECT SITE APPROVAL/EXPLOSIVES SAFETY CERTIFICATION NAVFAC 11010/31 (REV. 5-2001)

PART II DIVISION B-AIRFIELD SAFETY

INSTRUCTIONS IN NAVFACINST 11010.45

1. Runway Number and Type:		2. Airfield Elevation:	3. Ground Elevation at Project Site:
4. Lateral Distance from Runway Centerline:		5. Height of Facility:	
6. Horizontal Distance to Primary Surface or Edge of Parking Apron:			
7. Siting Rationale:			
8. Existing Waivers:			
9. Zoning (Include AICUZ zone & civilian zoning designation if applicable)			
10. Point of Contact: - Include E-Mail Address		12. Requested By:	
11. Telephone Numbers: () DSN		13. Date:	

PART II DIVISION C-ELECTROMAGNETIC SAFETY

INSTRUCTIONS IN NAVFACINST 11010.45

1. TRANSMITTER

(a) Manufacturer's Name/Type:

(b) Nomenclature:

(e) Output Power Information
(1) Peak Envelope power (PEP):

(g) Pulse Characteristics
(1) Pulse Width:

(c) Frequency Allocation Status:

(2) Mean/Average Power:

(2) Pulse Repetition Frequency (PRF):

(d) Frequency Range:

(f) Modulation Type Information:
 Pulsed FM AM Other

(3) Duty Cycle:

2. LINEAR ANTENNA

(a) Manufacturer's Name/Type:

(b) Nomenclature:

(d) Height Above Ground:

(f) Polarization/Pattern:

(c) Dimensions:

(e) Elevation Angle:

(g) Main Beam Gain:

(h) Coverage Angle:

3. APERTURE ANTENNA

(a) Manufacturer's Name/Type:

(b) Nomenclature

(f) Horizontal Beam Width:

(i) Gain:
(1) Main Beam Gain:
(2) 1st Side Lobe Gain:

(c) Dimension:

(g) Vertical Beam Width:

(j) Coverage Angle:

(d) Height Above Ground:

(h) Scan Characteristics
(1) Type of Scanning:

(e) Minimum Antenna Elevation Angle:

(2) Vertical/Horizontal Scanning Coverage:

4. HERP (Hazard of EMR to Personnel)

(a) Distance to nearest occupied building-describe:

(b) Description of intended method to restrict access to potential EMR hazard zones:

5. HERF (Hazard of EMR to Fuel)

(a) Distance to nearest fueling facility operation:

(b) Type of fuel in vicinity

6. HERO (Hazard of EMR to Ordnance) - Completed Part II Division A

7. Point of Contact (Include E-Mail address):

9. Requested By:

8. Telephone Number:

()

10. Date:

Correspondence of technical review of plans and drawings for Palmer Hall.

Encl(3)

PNTP 2
C3.1-3.2



DEPARTMENT OF THE NAVY
SOUTH BAY AREA FOCUS TEAM
SOUTHWEST DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
2585 CALLAGAN HWY, BLDG 99
SAN DIEGO, CALIFORNIA 92136-5198

02-D-8013-0001
5502.JT
20 March 2003

VIA ELECTRONIC TRANSMISSION

Solpac Inc. dba Soltek Pacific
2424 Congress Street
San Diego, CA 92110-2888

Subject: CONTRACT N68711-02-D-8013 TO#0001, P-254, BACHELOR ENLISTED QUARTERS (BEQ)
AT NAVAL STATION, SAN DIEGO, CALIFORNIA

Gentlemen:

In accordance with the subject Contract N68711-02-D-8013, TO#0001, you are hereby authorized to proceed with the following work:

"ALL SITE UTILITIES PER C3.1, C3.2, E1.1 AND P1.1 AND APPLICABLE SPECIFICATION SECTIONS."

The above Partial Notice-to-Proceed (PNTP) is limited only to the work above and specifically excludes any other work on subject contract. ANY WORK PERFORMED OR COST INCURRED EITHER ON OR OFF THE SITE, PRIOR TO RECEIPT OF THIS NOTICE TO PROCEED IS AT THE CONTRACTOR'S OWN RISK.

This authorization does not relieve the Contractor of the responsibility to conform to the requirements of the RFP as amended and or modified.

Shannon Plummer is the designated Assistant Resident Engineer in Charge of Construction (AREICC San Diego) for this contract. Brindle Summers is the ROICC Contract Specialist. The ROICC will ensure that the construction work is in strict accordance with the plans, specifications, and any modifications. Prior to start of work, please contact Shannon Sanchez at (619) 556-6951.

Sincerely,

A handwritten signature in cursive script, appearing to read "Tina Collins".

TINA COLLINS
Contracting Officer

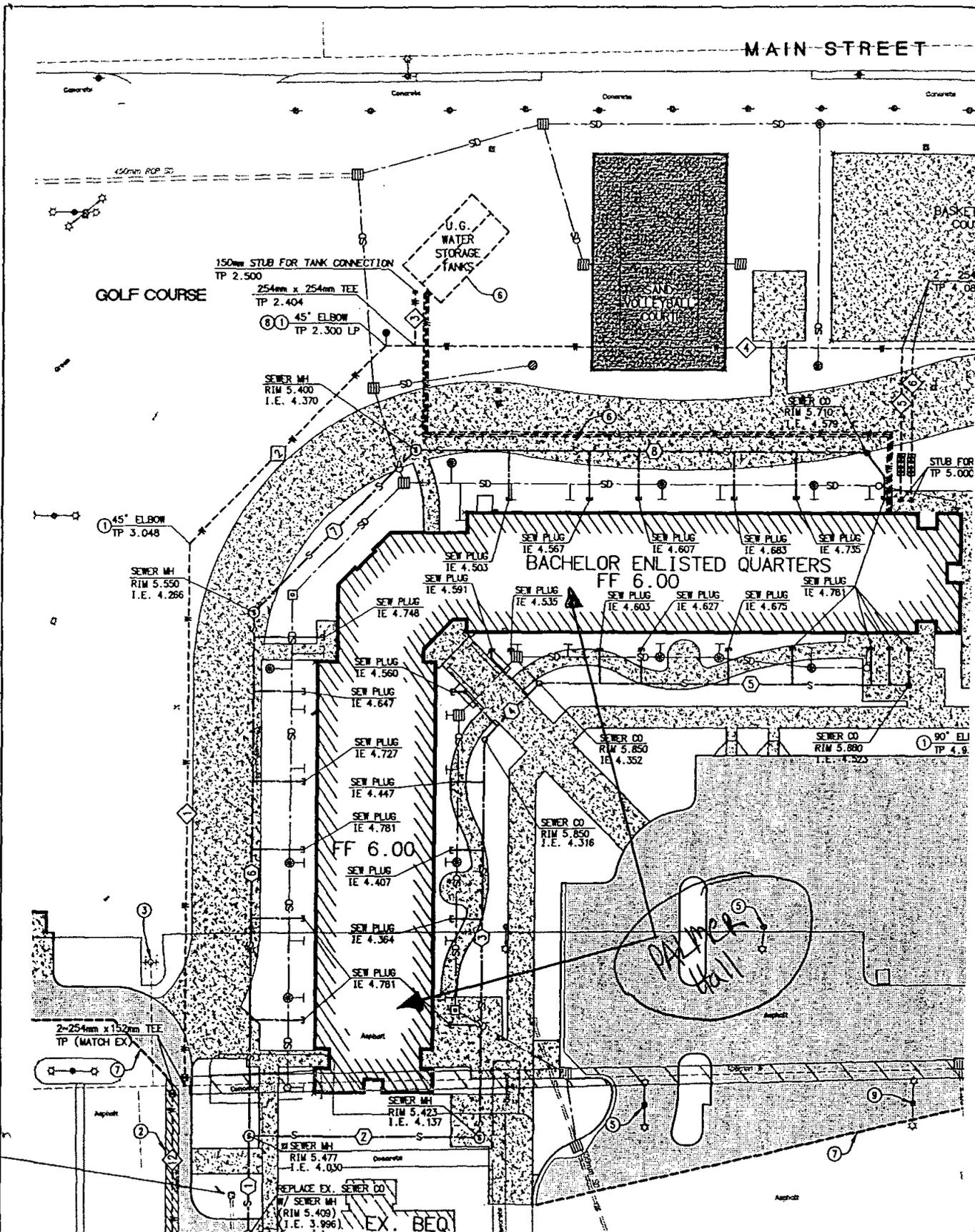
Cc:
Shannon Plummer, ROICC SD
Brindle Summers, ROICC SD
Jon Carpenter, South Bay AFT

~~ENCLOSURE~~

100% design drawings for Palmer Hall storm and sewer

Encl (4)

MAIN STREET



SEE MATCHLINE SHEET C-32

SEWER DATA (SDR-35)				
NO.	DELTA/BRG	SLOPE	LENGTH	REMARK
1	N40° 18' 43" E	0.30%	11.23 m	205mm PVC
2	N49° 41' 17" W	0.40%	26.73 m	205mm PVC
3	N40° 18' 43" E	0.40%	44.75 m	205mm PVC
4	N85° 02' 42" E	0.40%	8.98 m	205mm PVC
5	N49° 41' 17" W	0.40%	42.84 m	205mm PVC
6	N40° 18' 43" E	0.40%	58.95 m	205mm PVC
7	N85° 02' 42" E	0.40%	26.11 m	205mm PVC
8	N49° 41' 17" W	0.40%	52.26 m	205mm PVC

* = ALL LATERALS TO BLDG. ARE 103MM PVC.

NOTE:
EXISTING TP OF WATER POC
ASSUMED 1m BELOW EXISTING
GRADE. CONTRACTOR TO VERIFY.

ENCLOSURE (9)

SEE MATCHLINE SHEET C-31

REPLACE EX. SEWER CO
W/ SEWER MH
(RIM 5.409)
(I.E. 3.996)

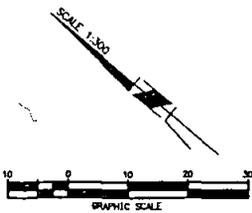
EX. BEQ
FF 5.85

SNYDER
HALL

NORMAN SCOTT ROAD

254mm x 254mm TEE
TP (MATCH EX)

100% design drawings
Showing how proper sewer
and storm drain connections
should have been made.



K:\DATA\2100138\CAD\134_SIT-PLNG-DATBRACH_1/2/03 11:42 pm

Contractor correspondence discussing Palmer Hall storm and sewer elevations

Encl (5)

N68711-02-D-8013, Task Order #0001
P-254 Design Build Bachelor Enlisted Quarters
32nd Street Naval Station, San Diego, CA

REQUEST FOR CLARIFICATION No.: 124

DATE: July 15, 2003

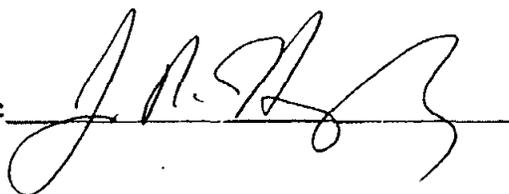
Description :

The sewer manholes on the Northwest corner of C-3.1 shows Rim Elevations of the Sewer of 5.477 and 5.409. The site drawing C-2.1 shows elevations in this area of 5.70+/- and 5.50. The top of curb in the same area shows 5.50 matching existing at 5.590. Do the sewer rim and curb elevations need correction?

Response:

SEE ATTACHED EXHIBIT

Signed: _____



Date: _____

7/24/03

CC: PML CATES

ENCLOSURE (2)

James Christie

From: Paul Cates [pcates@soltekpacific.com]
Sent: Thursday, July 24, 2003 3:10 PM
To: James Christie
Cc: John Bayardo; Keith Moss
Subject: FW: P-254 BEQ: RFC#124

Attachments: RFC#124.pdf; Response.pdf



RFC#124.pdf



Response.pdf

-----Original Message-----

From: Calvin Lee [mailto:CLEE@rbf.com]
Sent: Thursday, July 24, 2003 1:37 PM
To: bbump@soltekpacific.com
Cc: James Haughey; pcates@soltekpacific.com
Subject: P-254 BEQ: RFC#124

Ben,

We have revised the top of curb elevations and sewer rim elevations on the Northwest corner of P-254 (see attached PDFs). Feel free to call me if you have any questions or need additional information.

Thanks,
Calvin Lee, P.E.
RBF Consulting
9755 Clairemont Mesa Blvd., Suite 100
San Diego, CA 92124
(858) 614-5069 Fax (858) 614-5001

5

ENCLOSURE (27)

NON-REPRODUCTION

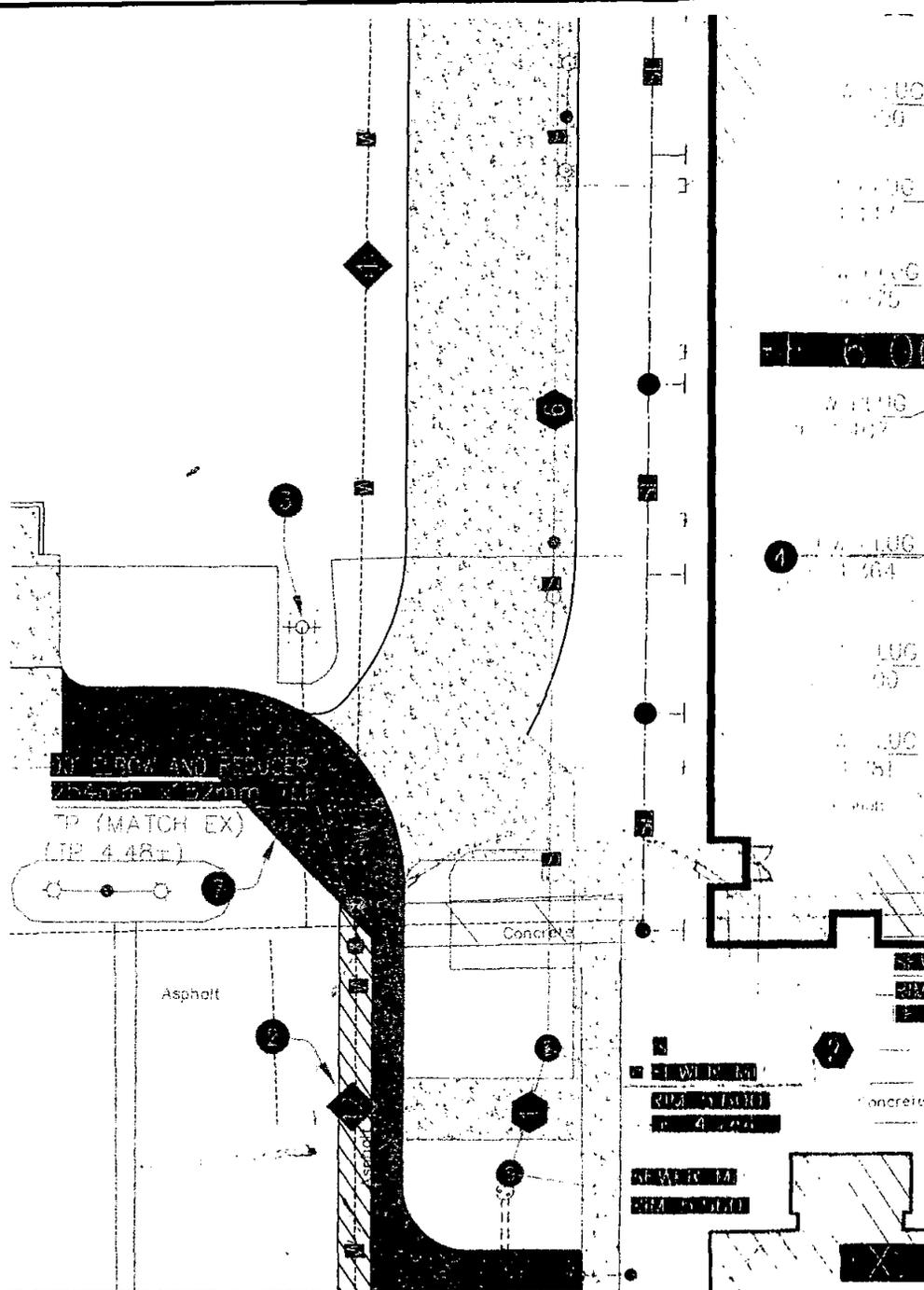
As-built drawings for Palmer Hall storm and sewer

Encl (6)

NOON N E / OH

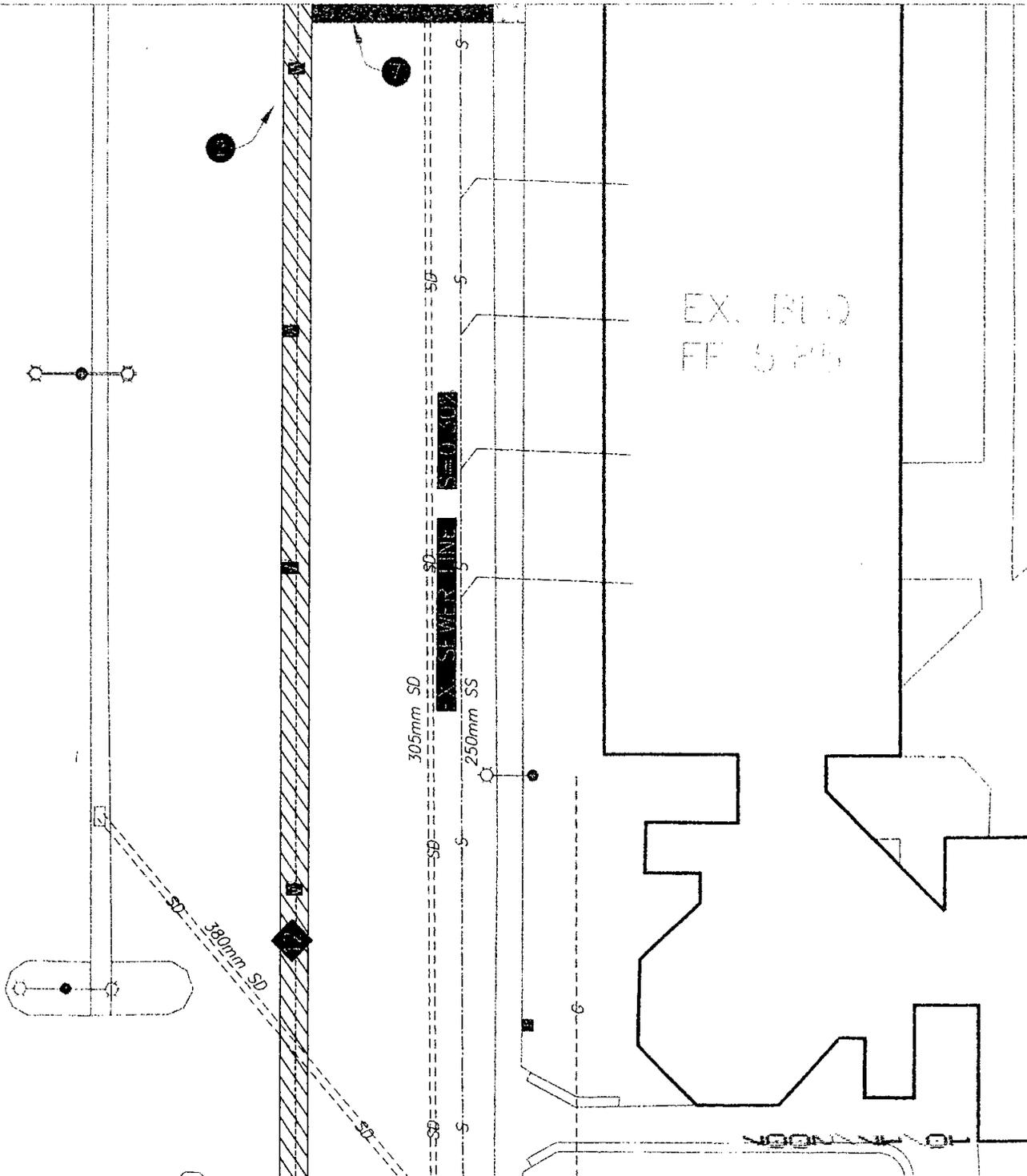
H:\PDATA\25100839\CADD\AS-BUILT\254UT001-AB.DWG EHATSCHBACH 1/24/05 8:11 am

As-Built
Drawing Showing
Illicit
Connection
From Sewer
to Storm
Drain



SEWER DATA			
POINT	DELTA/BRC	SLOPE	LENGTH
1	N40°18'43"E	0.30%	11.2
2	N49°41'17"W	0.40%	20.0
3	N40°18'43"E	0.40%	44.0
4	N85°02'42"E	0.40%	8.0
5	N49°41'17"W	0.40%	50.0
6	N40°18'43"E	0.40%	38.0
7	N85°02'42"E	0.40%	20.0
8	N49°41'17"W	0.40%	32.0

NOTE: ALL LATERALS TO BLDG. ARE 12" DIA.



Draft Utility acceptance criteria for new construction projects.

Encl (8)

Draft

Title: **Inspection and Acceptance of New Connections to Existing Navy/Marine-owned Utilities and New Utility Equipment**

Intent: (1) To establish NAVFAC Southwest Protocol for FEAD/ROICC, Utility Installer, and PW Utilities/Marine Corps FMD roles and responsibilities for the inspection of newly installed utility connections to Navy/Marine-owned utility systems and/or equipment prior to burying and/or energizing.

Amplification: Note 1: Prior to any construction of a utility connection, an application including a construction plan for the utility service connection shall be submitted to and approved by PW Utilities Plan Reviewer. Each application shall include the relevant construction plans and specifications, following the standards of the applicable utility provider and regulatory agency that governs the utility where the project is located.

Note 2: This protocol is only applicable to connections made to Navy/Marine-owned utility systems. (This protocol is not applicable when connecting to non-Navy/Marine-owned systems)

(1) For all new/repaired utility connections, FEAD/ROICC or other utilities connection installer shall schedule a pre-outage coordination meeting. During this meeting the FEAD/ ROICC will coordinate a pre-connection inspection to be conducted after trenching and layout is completed, but before the proposed service has been connected, and a post-connection inspection conducted after the connection has been made and before the connection is buried. The pre- and post-connection inspections will typically be on the same or consecutive days and shall be scheduled with the PW Utilities Inspector/Marine Corps FMD 14 days prior to the proposed date of the work. The PW Utilities Inspector/Marine Corps FMD shall be present during the inspections. The PW Utilities Inspector/Marine Corps FMD will verify that all new connections to utility systems are made properly based on applicable standards.

(2) Special Sanitary Sewer System Requirements. As part of the post-connection inspection for all new or modified sanitary sewer lateral and main connections, the contractor, with the PW Utilities Inspector/Marine Corps FMD observing, shall confirm that each new connection is connected to an existing sanitary sewer main. Verify the sewer connection to the sewer system by performing a dye check from the

Draft

project to the first manhole on the next active sewer branch main downstream from the sewer branch main used as the project point of connection. Testing shall continue till the dye visually confirms the design connection is appropriate. Dye shall be a nontoxic non-staining sewer tracing dye. During the test the contractor shall monitor the storm drainage system downstream from the project, either manholes or outfalls, for any sign of cross connection.

Verify the project connections to the sewer system by performing a smoke test on the project sewer. Testing will verify that project storm drainage inlets or drains have not been connected to the sanitary sewer.

FEAD/ROICC representative will ensure test results are noted in the daily CQC report.

(3) If deficiencies are found in the pre-connection inspection, the PW Utilities inspector/Marine Corps FMD will provide a list of deficiencies to the FEAD/ROICC representative. The FEAD/ROICC representative will determine if the requirements are within the contract. Items considered to be within the contract requirement will be given to the contractor for correction and documented in the contract files. Resolution of items considered outside of the contract by the FEAD/ROICC but deemed required by PW Utilities shall be resolved prior to cutting in the connection. (This situation should be avoided by having prior approved PW Utilities connection applications/construction plans.)

(4) The PW Utilities Inspector/Marine Corps FMD shall be notified when all deficiencies have been completed to reschedule the pre-connection inspection. The repeated inspection will only cover items noted in the previous inspection.

(5) After post connection inspection is completed, the PW Utilities Inspector/Marine Corps FMD will authorize the system or equipment to be energized and/or placed into service.

(6) The Contractor shall provide as-built utility drawings, preferably in standard electronic format to FEAD/ROICC showing the location of all utility lines, mains, laterals, and other appurtenances reference to a known location or in GPS Coordinates. The type, class, size of all piping and

Draft

valves shall be indicated on the as-builts. For new sewers, as-built invert elevations shall be provided starting from the building going to the first pre-existing downstream manhole. The FEAD/ROICC shall provide these to PW Utilities/FMD as soon as possible. The FEAD/ROICC shall follow the requirements of BMS 1.6.11NAVFAC RED ZONE to provide to PW Utilities/FMD utility record drawings.

(7) Any change(s) to storm water systems shall be coordinated with installation environmental staff, including providing as-built drawings to update storm water system networks for compliance with National Pollutant Discharge Elimination System (NPDES) permits.

(8) These guidelines are not a substitute for professional judgment as to when additional safe guards are needed to prevent improper connections to existing utility systems.

Definitions:

FEAD/ROICC/Utilities Installer. Utility connections may be installed by contractors or in-house forces (maintenance or utilities shops, Self-Help, Seabees, and so forth). This SOP covers all new utility connections to Navy/Marine-owned utilities, whether installed by in-house forces or by contractors managed by a FEAD or ROICC.

PW Utilities Inspector. PW Utilities Inspectors are designated by each PW Utilities group. Designated inspectors shall be trained in the PW Utilities requirements for water, sewer, electrical, steam, air, gas connections.

San Diego Metro Area:

Inspectors are designated by PW Utilities Operations Core BLM. Requests for Utilities Inspector services are managed by the NAVFAC Southwest Coastal IPT Utilities System Planning Division

San Clemente Island: NAVFAC Southwest Coastal IPT SCI Utilities Superintendent or Designee

OTHBs: Designated PW Utilities Inspectors would be designated on a case by case basis. Where Utilities Operations are under contract, FEAD/ROICC over the Utility Operations contract shall designate inspectors.

Draft

For installations managed under Facilities Maintenance Departments, the FMD would designate the the inspectors.

PW Utilities Plan Reviewer. PW Utilities Planning is responsible for the review of applications for and plans of all connections to Navy/Marine Corps owned utilities. Planning is designated by each PW Utilities group.

San Diego Metro Area & San Clemente Island:
NAVFAC Southwest Coastal IPT PW Utilities System Planning
Division

OTHBs: Designated PW Utilities Plan Reviewer would be designated on a case by case basis. Where Utilities Operations are under a contract, FEAD/ROICC over the contract designates the plan reviewers.

For installations managed by a Facilities Maintenance Department, the PW Utilities Inspector is designated by the installation's Facilities Maintenance Department.

Copies of December 20, 2006; February 8, 2007; and March 6, 2007 letters providing clean up description, sampling data, and data tables.

Encl (9)



DEPARTMENT OF THE NAVY
COMMANDER NAVY REGION SOUTHWEST
937 NO. HARBOR DR.
SAN DIEGO, CALIFORNIA 92132-0058

IN REPLY REFER TO:
5090
Ser N45JWW.1s/0402
December 20, 2006

Executive Officer (Sanitary Sewer Overflow Report)
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court
San Diego, CA 92123

Ladies and Gentlemen:

SUBJECT: NOTICE OF VIOLATION ORDER NO. R9-2006-0157
TECHNICAL REPORT FOR PALMER HALL SSO

As directed by the Regional Water Quality Control Board Order No. R9-2006-0157, a technical report for the sanitary sewer overflow at Palmer Hall, Naval Station, San Diego, is presented as Enclosure (1).

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If there are any questions regarding this submittal, please feel free to contact Mr. Len Sinfield at (619) 524-6307.

Sincerely,


ROBERT A. CHICHESTER
By direction

Enclosure: 1. Palmer Hall Sanitary Sewer Overflow Analysis

**PALMER HALL BARRACKS, NAVSTA
SANITARY SEWER OVERFLOW ANALYSIS
FOR
NOTICE OF VIOLATION
RWQCB ORDER NO. R9-2006-0157**

1.0 Introduction

This technical report, prepared as a response to Regional Water Quality Control Board (RWQCB) Notice of Violation (NOV) Order No. R9-2006-0157, presents an analysis of an estimated 2 year, 14.2 million gallon sanitary sewer overflow (SSO) at the Palmer Hall Barracks at Naval Base San Diego (NBSD). During construction of Palmer Hall in November 2004, a sanitary sewer lateral was erroneously connected to an adjacent storm drain lateral. The sewer to storm drain cross-connection released approximately 14.2 million gallons of sewage, over a 25-month period, into the storm drain system, which discharges through storm drain Outfall 70 to Chollas Creek, and ultimately into San Diego Bay.

On November 29, 2006, RWQCB issued an NOV (Order No. R9-2006-0157) for this SSO. In the NOV, the Navy was directed to submit a technical report to include:

1. Discussing how the incident occurred;
2. Describing the steps the Navy has taken, or will take, to identify any other sewer lateral connections to storm drains at the facility;
3. Describing measures to prevent future sewer line cross-connections;
4. Proposing a plan for monitoring bacteriological and nutrient water quality in Chollas Creek and its outlet to San Diego Bay as well as other sites in San Diego Bay adjacent to NAVSTA; and
5. Including a clean-up/mitigation plan to mitigate water quality impacts to Chollas Creek that occurred during the two-year period of the illicit discharge of raw sewage to the creek and San Diego Bay. The Navy may be directed to implement the proposed mitigation plan with or with modifications.

This technical report addresses these NOV items.

2.0 SSO Incident Description

On November 16, 2006, personnel from the Naval Facilities Engineering Command (NAVFAC) were conducting a utility survey near Palmer Hall (Building 3621) for a new Navy SEABEE construction project when they discovered wastewater debris in a subsurface storm drain. As a result of that discovery, NAVFAC personnel used a pipe camera to view the storm drain and found a sewer lateral cross-connected to the storm drain at 08:30 on November 17, 2006. The release was stopped shortly after discovery and sewage from Palmer Hall was temporarily diverted into the sanitary sewage system. An inflatable plug was immediately placed in the storm drain just downstream of the cross-connection and the sewage flow diverted to a nearby sanitary sewer manhole by temporary pump until construction repairs could be made. The SSO was immediately reported to the command, County Department of Environmental Health, RWQCB, and Office of Emergency Services between 09:00 and 09:34 on November 17, 2006. A final version of the SSO report was submitted to these same organizations on November 21, 2006. The sewer lateral was from the Palmer Hall barracks and associated mini mart and was cross-connected to a storm drain connected to the barrack's roof drain.

The sewage discharge line from Palmer Hall, a 1,032 bed, 12 story barracks at NBSD was improperly connected to the storm drain at the time of construction in November 2004. Based upon water use data from Palmer Hall and the Mini Mart, which was connected approximately a year later, approximately 14.2 million gallons of sewage, over a 25-month period, was released into the storm drain system. This system discharges through storm drain Outfall 70 on NBSD to Chollas Creek at the Main Street bridge, and ultimately into San Diego Bay.

At 08:00 on Saturday, November 18, 2006, utilities mark-out crew identified line locations for the storm drain and sewer in the area. Once mark-out was completed, the Navy's construction contractor SOLTEK immediately started excavation and by 16:00 had installed a new 10" PVC sewage pipe and diverted sewage from the temporary diversion set up on November 16 to the sanitary sewer system. A new intercepting sewage manhole was also installed over an existing 4" clean out fitting (located in the parking lot). SOLTEK also re-directed the 4" sewage drain from the Mini Mart trailer, located at the North end of the parking lot, to the newly installed sewage manhole. All work on sewer

line was complete and flowing properly by 16:00 on November 18th. All work was observed and verified by NAVFAC personnel. SOLTEK also connected the Palmer Hall roof drain to the existing storm drain.

On Monday, November 20, with work completed on the new sewer manhole, reconnection of the roof drain from Synder Hall to the existing storm drain system completed, SOLTEK back filled the sewer and storm drain excavation and completed all surface repairs.

As requested by the RWQCB, at 15:50 on November 21, 2006, sampling technicians from Shaw Group collected water samples from Outfall 70. Analytical results showed the presence of total coliform (above 1,600 most probable number [MPN]), fecal coliform (300 MPN), and Enterococcus (500 MPN) in the water samples. Fecal coliform results were above water quality objectives for contact recreation and shellfish harvesting but below limits for non-contact recreation (San Diego Basin Plan).

Additional water samples were collected in Chollas Creek; one near the Main Street bridge, one 25 feet upstream of the Main Street bridge, and one near Outfall 70 (32nd Street bridge) on November 22, 2006. All three sample locations occur in areas with tidal influence and all samples had total coliform (500 to 3,000 MPN), fecal coliform (40 to 300 MPN), and Enterococcus (40 to 230 MPN). Whereas the Main Street sample had the highest total coliform (3,000 MPN), the upstream sample had both the highest fecal coliform (300 MPN) and Enterococcus (230 MPN). Total Kjeldahl nitrogen was only detected at the Main Street location at a concentration of 2.5 milligrams per liter (mg/L) and dissolved oxygen ranged from 10.8 mg/L at the upstream location to 12.2 mg/L at the Main Street location. Copies of the analytical results are presented as Appendix A.

From November 21 to 24, 2006, the affected storm drain manholes, catch basins, and 4,000 linear feet of outfall 70 storm drain piping, from Palmer Hall to Chollas Creek, were cleaned (pressure washed) by NRC Environmental Services. All water and material flushed from the storm drain were captured and properly discharged to the sanitary sewer, by inserting two large plugs at Outfall 70 and a diversion pumping system. NBSD and Commander Navy Region Southwest environmental staff opened and inspected the impacted storm

4.0 Bacteriological and Nutrient Water Quality Monitoring Plan

The goal of the bacteriological and nutrient water quality monitoring is to assess the long term impacts of the SSO on Chollas Creek and San Diego Bay. Untreated sewage adds bacteria, viruses, nitrogen, and phosphorus to receiving waters and increases biological oxygen demand (BOD) due to addition of organic matter. Anoxic conditions can occur in fresh water systems where oxygen is depleted due to excess organic material.

Outfall 70 is within a tidally-influenced portion of Chollas Creek. The creek bed, immediately downstream of Outfall 70, is typically exposed during low tide and the area upstream of Outfall 70 is affected by high tides.

To determine if any impacts to Chollas Creek still occur from the Palmer Hall SSO, the Navy proposes to assess the bacteriological and nutrient conditions of Chollas Creek by monitoring the upstream, non-tidally influenced portion of the creek (National Avenue bridge over Chollas Creek), the Outfall 70 area, and downstream (Harbor Drive bridge) creek waters for:

- Total and fecal coliform and Enterococcus (bacteriological monitoring);
- Total Kjeldahl nitrogen and BOD₅ (nutrient loading);
- Specific conductivity (sea water influence); and
- Dissolved oxygen (anoxic condition monitoring).

Two rounds of monitoring are proposed during a low tide in a spring tidal period (as opposed to a neap tide) to maximize fresh water influence on the collected Outfall 70 area water samples. During other work, underground storage tank cleanup project at the 32nd Street Gas Station along Chollas Creek, it was found that maximum groundwater flow towards Chollas Creek occurred during low tide during a spring tidal period. One sample set will be collected in January and another in February 2007.

If the coliform and BOD₅ are significantly higher in the Outfall 70 area monitoring point versus the upstream and downstream monitoring points, then the Navy will conduct additional monitoring of Navy outfalls to assess other potential sources of coliform and high BOD₅.

5.0 Clean-Up and Mitigation Plan

The affected storm drain has been hydroblasted clean. No sewer related solid debris was found in Chollas Creek to be removed. The Navy will continue trash removal efforts in Chollas Creek where the creek crosses Navy property.

Mitigation of the Palmer Hall SSO will address both sewer spill prevention measures and the protection and improvement of the beneficial uses of Chollas Creek. For sewer spill prevention, the Navy will:

- Conduct an illicit sewer cross-connection survey of all structures constructed since the 2002 cross-connection survey;
- Conduct two rounds of visual observations of non-industrial storm water outfalls at NBSD. These surveys will be conducted during low tide, not during storm events, and during periods of active base use (week days during non holiday periods).
- Complete a process improvement analysis on the incident to pinpoint the cause of the Palmer Hall cross-connection. Conclusions of the process improvement analysis will be provided once the analysis has been completed and this information will be incorporated into the quality control process for future NAVFAC construction projects.

The continued clean-up of trash and the Navy's continued commitment to preventing SSOs into Chollas Creek and San Diego Bay as detailed above will be protective of the beneficial uses of these water resources.

APPENDIX A
Chollas Creek and Outfall 70
Analytical Results



2424 Congress Street
San Diego, CA 92110-2888

License No. 703828

Phone (619) 296-6247
Fax (619) 296-0730

FAX TRANSMITTAL

DESIGN BUILD DEPARTMENT

DATE: 12/14/06

TO: John Dye

COMPANY: ROICC office

FAX NO.: (619) 556-0717

FROM: Ben Bump

FAX NO.: (619) 296-0730

Total number of pages sent: 9

COMMENTS: John,
Attached please find the results of analyses of water samples
taken in Chollos Creek. One location was well upstream of the
outfall of the Main Street Bridge over Chollos Creek. Another sample
was taken downstream from the outfall at the 32nd St. Bridge over
Chollos Creek. The last location was just upstream of the outfall.
If you have any questions, please let me know.
 If you do not receive all pages indicated at ove, please call me at the number
 above.



06 December 2006

Soltek Pacific
Attn: Ben Bump
2424 Congress St
San Diego, CA 92110

EMA Log #: 0611390

Project Name: 472

Enclosed are the results of analyses for samples received by the laboratory on 11/22/06 16:44. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that this data is in compliance both technically and for completeness.

A handwritten signature in black ink, appearing to read 'Dan Verdon', is written over a white background.

Dan Verdon
Laboratory Director

CA ELAP Certification #: 2564

4340 Viewridge Avenue, Suite A - San Diego, California 92123 - (858) 560-7717 - Fax (858) 560-7763
Analytical Chemistry Laboratory

NOON/11/06

Client Name: Soltek Pacific
 Project Name: 472

EMA Log #: 0611390

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laborator ID	Matrix	Date Sampled	Date Received
Main St. Bridge	0611390 01	Water	11/22/06 15:30	11/22/06 16:44
Downstream 32nd St. Bridge	0611390 02	Water	11/22/06 15:55	11/22/06 16:44
Upstream Outfall	0611390 03	Water	11/22/06 16:10	11/22/06 16:44

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix Analytical, Inc.



Client Name: Soltek Pacific
Project Name: 472

EMA Log #: 0611390

Conventional Chemistry Parameters by Standard/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Main St. Bridge (0611390-01) Water Sampled: 11/22/06 15:30 Received: 11/22/06 16:44									
Total Kjeldahl Nitrogen	2.5	0.5	mg/l	1	6120513	12/04/06	12/05/06	SM4500 N C	
Dissolved Oxygen	12.2	0.10	"	"	6112726	11/22/06	11/22/06	SM4500 O G	
Phosphorus, Total	ND	0.05	"	"	6112721	11/27/06	11/28/06	SM4500 P B, E	
Downstream 32nd St. Bridge (0611390-02) Water Sampled: 11/22/06 15:55 Received: 11/22/06 16:44									
Total Kjeldahl Nitrogen	ND	0.5	mg/l	1	6120513	12/04/06	12/05/06	SM4500 N C	
Dissolved Oxygen	11.0	0.10	"	"	6112726	11/22/06	11/22/06	SM4500 O G	
Phosphorus, Total	ND	0.05	"	"	6112721	11/27/06	11/28/06	SM4500 P B, E	
Upstream Outfall (0611390-03) Water Sampled: 11/22/06 16:10 Received: 11/22/06 16:44									
Total Kjeldahl Nitrogen	ND	0.5	mg/l	1	6120513	12/04/06	12/05/06	SM4500 N C	
Dissolved Oxygen	10.8	0.10	"	"	6112726	11/22/06	11/22/06	SM4500 O G	
Phosphorus, Total	ND	0.05	"	"	6112721	11/27/06	11/28/06	SM4500 P B, E	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix  Analytical, Inc.

NOON/11/04

Client Name: Soltek Pacific
Project Name: 472

EMA Log #: 0611390

Microbiological Parameters by Standard Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Main St. Bridge (0611390-01) Water Sampled: 11/22/06 15:30 Received: 11/22/06 16:44									
Total Coliforms	3000	200	MPN/100 ml	100	6120517	11/22/06	11/26/06	SM 9221 B, E	
Fecal Coliforms	260	20	"	10	"	"	11/25/06	"	
Enterococcus	40	20	"	"	6120519	"	11/26/06	SM 9230 A, B	
Downstream 32nd St. Bridge (0611390-02) Water Sampled: 11/22/06 15:55 Received: 11/22/06 16:44									
Total Coliforms	500	20	MPN/100 ml	10	6120517	11/22/06	11/26/06	SM 9221 B, E	
Fecal Coliforms	230	20	"	"	"	"	11/25/06	"	
Enterococcus	40	20	"	"	6120519	"	11/26/06	SM 9230 A, B	
Upstream Outfall (0611390-03) Water Sampled: 11/22/06 16:10 Received: 11/22/06 16:44									
Total Coliforms	1100	20	MPN/100 ml	10	6120517	11/22/06	11/26/06	SM 9221 B, E	
Fecal Coliforms	300	20	"	"	"	"	11/25/06	"	
Enterococcus	230	20	"	"	6120519	"	11/26/06	SM 9230 A, B	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix  Analytical, Inc.

Client Name: Soltek Pacific
Project Name: 472

EMA Log #: 0611390

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112721										
Blank (6112721-BLK1)				Prepared: 11/27/06 Analyzed: 11/28/06						
Phosphorus, Total	ND	0.05	mg/l							
LCS (6112721-BS1)				Prepared: 11/27/06 Analyzed: 11/28/06						
Phosphorus, Total	0.57	0.05	mg/l	0.500		114	80-120			
LCS Dup (6112721-BSD1)				Prepared: 11/27/06 Analyzed: 11/28/06						
Phosphorus, Total	0.58	0.05	mg/l	0.500		116	80-120	2	20	
Duplicate (6112721-DUP1)				Source: 0611390-01		Prepared: 11/27/06 Analyzed: 11/28/06				
Phosphorus, Total	ND	0.05	mg/l		ND				20	
Matrix Spike (6112721-MS1)				Source: 0611390-01		Prepared: 11/27/06 Analyzed: 11/28/06				
Phosphorus, Total	ND	0.05	mg/l	0.500	ND		80-120			QM-05
Matrix Spike Dup (6112721-MSD1)				Source: 0611390-01		Prepared: 11/27/06 Analyzed: 11/28/06				
Phosphorus, Total	ND	0.05	mg/l	0.500	ND		80-120		20	QM-05
Batch 6112726										
Duplicate (6112726-DUP1)				Source: 0611390-01		Prepared & Analyzed: 11/22/06				
Dissolved Oxygen	11.8	0.10	mg/l		12.2			3	20	
Batch 6120513										
Blank (6120513-BLK1)				Prepared: 12/04/06 Analyzed: 12/05/06						
Total Kjeldahl Nitrogen	ND	0.5	mg/l							

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix  Analytical, Inc.

Client Name: Soltek Pacific
Project Name: 472

EMA Log #: 0611390

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6120513										
LCS (6120513-BS1)				Prepared: 12/04/06 Analyzed: 12/05/06						
Total Kjeldahl Nitrogen	3.9	0.5	mg/l	4.10		95	80-120			
LCS Dup (6120513-BSD1)				Prepared: 12/04/06 Analyzed: 12/05/06						
Total Kjeldahl Nitrogen	3.9	0.5	mg/l	4.10		95	80-120	0	20	
Duplicate (6120513-DUP1)		Source: 0611390-01		Prepared: 12/04/06 Analyzed: 12/05/06						
Total Kjeldahl Nitrogen	2.5	0.5	mg/l		2.5			0	20	
Matrix Spike (6120513-MS1)		Source: 0611390-01		Prepared: 12/04/06 Analyzed: 12/05/06						
Total Kjeldahl Nitrogen	6.5	0.5	mg/l	4.10	2.5	98	80-120			
Matrix Spike Dup (6120513-MSD1)		Source: 0611390-01		Prepared: 12/04/06 Analyzed: 12/05/06						
Total Kjeldahl Nitrogen	6.1	0.5	mg/l	4.10	2.5	88	80-120	6	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety

EnviroMatrix Analytical, Inc.



Client Name: Soltek Pacific
Project Name: 472

EMA Log #: 0611390

Notes and Definitions

- QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix  Analytical, Inc.

NOON 11/10/06



DEPARTMENT OF THE NAVY
COMMANDER NAVY REGION SOUTHWEST
937 NO. HARBOR DR.
SAN DIEGO, CALIFORNIA 92132-0058

IN REPLY REFER TO:
5090
Ser N45JWW.1s/0067
February 8, 2007

Executive Officer (Sanitary Sewer Overflow Report)
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court
San Diego, CA 92123

Ladies and Gentlemen:

SUBJECT: NOTICE OF VIOLATION ORDER NO. R9-2006-0157
PALMER HALL SSO JANUARY 2007
CHOLLAS CREEK MONITORING RESULTS

As part of the Navy's response to Notice of Violation Order No. R9-2006-0157 and as proposed in a technical report for the sanitary sewer overflow at Palmer Hall, Naval Base San Diego the first round of Chollas Creek water quality monitoring is presented with this letter. Results of this monitoring are summarized in a table presented as Enclosures (1) and the laboratory data sheets are presented as Enclosure (2).

Water samples were collected from two intertidal locations (Harbor Drive and Outfall 70) and one upstream nontidal location (National City Avenue) within Chollas Creek, during a low tide within the Spring tidal period on January 18, 2007. The intertidal samples had total coliform values ranging from 240 to 900 Most Probable Number (MPN) per 100 milliliters (570 average), fecal coliform of 13 and 14 MPN, and Enterococcus of 8 to 130 MPN (69 average). These averages are significantly lower than the averages of the intertidal creek monitoring conducted on November 22, 2006. Since November, total coliform decreased by 963 MPN, fecal coliform by 250 MPN/100 ml, and Enterococcus by 34 MPN. These results indicate that the water quality within Chollas Creek has improved since the Navy's SSO (see Enclosure (1)).

The upstream non-tidal results of a sample collected from the National Avenue location on Chollas Creek had high total coliform (>1,600 MPN), fecal coliform (30 MPN), and Enterococcus (140 MPN). The National Avenue location is upstream of the Navy's property and wasn't influenced by the Palmer Hall sewage release. These results are higher than the intertidal results of January 18, 2007 and may be an ongoing source of coliform within the intertidal zone. One potential source of these high bacterial counts may be due to homeless encampments along Chollas Creek observed during National Avenue sampling.

Since November 2006, average Total Kjeldahl Nitrogen (TKN) within the intertidal zone increased slightly from 1.0 to 2.1 milligrams per liter (mg/L) and average dissolved oxygen (DO) decreased from 11.3 to 6.1 mg/L. This change may be seasonal and may not indicate degradation (nitrification) of the Chollas Creek waters. The upstream National Avenue TKN was 0.8 mg/L, lower than the intertidal zone average, and DO concentrations were nearly anoxic at 1.96 mg/L. Biological Oxygen Demand (BOD) was higher upstream (311 mg/L) than the intertidal average (183 mg/L).

The second round of Chollas Creek monitoring is tentatively scheduled for low tide on February 15 or 16, 2007, during a Spring Tidal period. Samples will be collected from the same locations as on January 18, 2007. No samples will be collected if it has rained within 24 hours of the scheduled sampling time. We will contact RWQCB Staff prior to canceling sampling due to rain.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If there are any questions regarding this submittal, please feel free to contact Mr. Len Sinfield at (619) 524-6307.

Sincerely,



ROBERT A. CHICHESTER
By direction

Enclosure: 1. Chollas Creek Water Analytical Results Summary.
2. Laboratory Analytical Data Sheets.

Enclosure (1)
Chollas Creek Water Analytical Results Summary

Chollas Creek Water Analytical Results Summary, November 2006 to January 2007

Constituent	Intertidal Zone Samples							Monitoring Event Averages	Monitoring Event Averages	Change in intertidal zone averages since Nov 2006
	Sampling Date	Main Street Bridge	Downstream 32nd Street Bridge	Upstream Outfall	Monitoring Event Averages	Outfall #70 SR15	Outfall #70 North Harbor Drive			
Total Coliform (MPN ¹ /100ml)	11/22/2006	3000	500	1100	11/22/2006	240	1/18/2007	1/18/2007	1/18/07-11/22/06	
Fecal Coliform (MPN/100ml)		260	230	300		13	900	570	-963	
Enterococcus (MPN/100ml)		40	40	230		8	14	13.5	-250	
Total Kjeldahl Nitrogen (mg/L ²)		2.5	ND ³ < 0.5	ND < 0.5		2.0	130.0	69	-34	
BOD ₂₀ ⁴ (mg/L)		NA	NA	NA		2.0	2.2	2.1	1.1	
Dissolved Oxygen (mg/L)		12.2	11.0	10.8		5.87	6.40	6.1	NA	
Specific Conductance (µmhos/cm ⁵)		NA	NA	NA		44300	43700	44000	-5.2	
									NA	

Constituent	Upstream Non-Intertidal Zone Samples		Difference between upstream non-intertidal results and intertidal averages
	Sampling Date	Outfall #70 National Avenue	
Total Coliform (MPN ¹ /100ml)	1/18/2007	1/18/2007	1/18/2007
Fecal Coliform (MPN/100ml)	> 1,600	> 1,600	greater than 1,030
Enterococcus (MPN/100ml)	30	30	16.5
Total Kjeldahl Nitrogen (mg/L ²)	140	140	71
BOD ₂₀ ³ (mg/L)	0.8	0.8	-1.3
Dissolved Oxygen (mg/L)	311	311	128
Specific Conductance (µmhos/cm ⁵)	1.96	1.96	-4.2
	24000	24000	-20000

Notes:

- ¹MPN/100 ml - Most Probable Number per 100 milliliters.
- ²mg/L - Milligrams per Liter or parts-per-million (ppm)
- ³ND - not detected above method detection limit.
- ⁴BOD - Biological Oxygen Demand.
- ⁵µmhos/cm - Micro-ohms per centimeter.

Enclosure (2)
Laboratory Analytical Data Sheets



LABORATORIES, INC.
 1835 W. 205th Street
 Torrance, CA 90501
 Tel: (310) 618-8889
 Fax: (310) 618-0818

Date: 01-30-2007
 EMAX Batch No.: 07A499C

Attn: Rob Chichester

Navy - Shaw PWC
 NAS North Island, Bldg-M9
 San Diego CA 92135

Subject: Laboratory Report
 Project: Palmer Hall Sewage - NAVSTA Outfall #70
 Contract #: N68711-03-D-4302
 Job Order #: 1638493

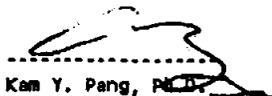
 Enclosed is the Laboratory report for samples received on 01/18/07.
 EnviroMatrix Analytical, Inc. performed the analyses. The data reported include :

Sample ID	Control #	Col Date	Matrix	Analysis
OUTFALL #70 SR 15	A499-01	01/18/07	WATER	TOTAL AND FECAL COLIFORM (MTF) ENTEROCOCCUS BIOCHEMICAL OXYGEN DEMAND OXYGEN, DISSOLVED CONDUCTIVITY TKN
OUTFALL #70 N HARBOR DR	A499-02	01/18/07	WATER	TOTAL AND FECAL COLIFORM (MTF) ENTEROCOCCUS BIOCHEMICAL OXYGEN DEMAND OXYGEN, DISSOLVED CONDUCTIVITY TKN
OUTFALL #70 NATNL AVE	A499-03	01/18/07	WATER	TOTAL AND FECAL COLIFORM (MTF) ENTEROCOCCUS BIOCHEMICAL OXYGEN DEMAND OXYGEN, DISSOLVED CONDUCTIVITY TKN

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,



 Kam Y. Pang, Ph.D.
 Laboratory Director

This analytical report ends on page 9.

EnviroMatrix Analytical, Inc.



26 January 2007

EMAX Laboratories, Inc.

EMA Log #: 0701313

Attn: Caspar Pang

1835 205th Street

Torrance, CA 90501

Project Name: 07A499C/Palmer Hall Sewage/NAVSTA Outfall #70

Enclosed are the results of analyses for samples received by the laboratory on 01/18/07 16:19. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that this data is in compliance both technically and for completeness.

Dan Verdon
Laboratory Director

CA ELAP Certification #: 2564

4340 Viewridge Avenue, Suite A - San Diego, California 92123 - (858) 560-7717 - Fax (858) 560-7763
Analytical Chemistry Laboratory

0002

NOON 1/18/07

Client Name: EMAX Laboratories, Inc.
Project Name: 07A499C/Palmer Hall Sewage/NAVSTA Outfall #70

EMA Log #: 0701313

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Outfall #70 SR 15	0701313-01	Wastewater	01/18/07 15:40	01/18/07 16:19
Outfall #70 North Harbor Dr	0701313-02	Wastewater	01/18/07 15:20	01/18/07 16:19
Outfall #70 National Ave	0701313-03	Wastewater	01/18/07 15:50	01/18/07 16:19

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

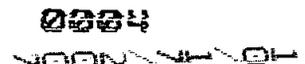
Client Name: EMAX Laboratories, Inc.
 Project Name: 07A499C/Palmer Hall Sewage/NAVSTA Outfall #70

EMA Log #: 0701313

Conventional Chemistry Parameters by Standard/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Outfall #70 SR 15 (0701313-01) Wastewater Sampled: 01/18/07 15:40 Received: 01/18/07 16:19									
Biochemical Oxygen Demand	231	200	mg/l	100	7012510	01/19/07	01/24/07	SM5210 B	
Specific Conductance (EC)	44300	1	umhos/cm	1	7012414	01/24/07	01/24/07	SM2510 B	
Total Kjeldahl Nitrogen	2.0	0.5	mg/l	"	7012606	01/25/07	01/25/07	SM4500 N C	
Dissolved Oxygen	5.87	0.10	"	"	7012518	01/18/07	01/18/07	SM4500 O G	
Outfall #70 North Harbor Dr (0701313-02) Wastewater Sampled: 01/18/07 15:20 Received: 01/18/07 16:19									
Biochemical Oxygen Demand	135	120	mg/l	60	7012510	01/19/07	01/24/07	SM5210 B	
Specific Conductance (EC)	43700	1	umhos/cm	1	7012414	01/24/07	01/24/07	SM2510 B	
Total Kjeldahl Nitrogen	2.2	0.5	mg/l	"	7012606	01/25/07	01/25/07	SM4500 N C	
Dissolved Oxygen	6.40	0.10	"	"	7012518	01/18/07	01/18/07	SM4500 O G	
Outfall #70 National Ave (0701313-03) Wastewater Sampled: 01/18/07 15:50 Received: 01/18/07 16:19									
Biochemical Oxygen Demand	311	20.0	mg/l	10	7012510	01/19/07	01/24/07	SM5210 B	
Specific Conductance (EC)	24000	1	umhos/cm	1	7012414	01/24/07	01/24/07	SM2510 B	
Total Kjeldahl Nitrogen	0.8	0.5	mg/l	"	7012606	01/25/07	01/25/07	SM4500 N C	
Dissolved Oxygen	1.96	0.10	"	"	7012518	01/18/07	01/18/07	SM4500 O G	

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Client Name: EMAX Laboratories, Inc.
 Project Name: 07A499C/Palmer Hall Sewage/NAVSTA Outfall #70

EMA Log #: 0701313

Microbiological Parameters by Standard Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Outfall #70 SR 15 (0701313-01) Wastewater Sampled: 01/18/07 15:40 Received: 01/18/07 16:19									
Total Coliforms	240	2	MPN/100 ml	1	7012323	01/18/07	01/22/07	SM 9221 B, E	
Fecal Coliforms	13	2	"	"	"	"	01/21/07	"	
Enterococcus	8	2	"	"	7012324	"	01/22/07	SM 9230 A, B	
Outfall #70 North Harbor Dr (0701313-02) Wastewater Sampled: 01/18/07 15:20 Received: 01/18/07 16:19									
Total Coliforms	900	2	MPN/100 ml	1	7012323	01/18/07	01/22/07	SM 9221 B, E	
Fecal Coliforms	14	2	"	"	"	"	01/21/07	"	
Enterococcus	130	2	"	"	7012324	"	01/22/07	SM 9230 A, B	
Outfall #70 National Ave (0701313-03) Wastewater Sampled: 01/18/07 15:50 Received: 01/18/07 16:19									
Total Coliforms	>1600	2	MPN/100 ml	1	7012323	01/18/07	01/22/07	SM 9221 B, E	
Total Coliforms	>1600	2	MPN/100 ml	1	7012323	01/18/07	01/22/07	SM 9221 B, E	
Fecal Coliforms	30	2	"	"	"	"	01/21/07	"	
Enterococcus	140	2	"	"	7012324	"	01/22/07	SM 9230 A, B	

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Client Name: EMAX Laboratories, Inc.
 Project Name: 07A499C/Falmer Hall Sewage/NAVSTA Outfall #70

EMA Log #: 0701313

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7012414										
Duplicate (7012414-DUP1)		Source: 0701385-01			Prepared & Analyzed: 01/24/07					
Specific Conductance (EC)	13000	1	umhos/cm		12900			0.8	20	
Reference (7012414-SRM1)					Prepared & Analyzed: 01/24/07					
Specific Conductance (EC)	294	1	umhos/cm	297		99	93-107			
Batch 7012510										
Duplicate (7012510-DUP1)		Source: 0701320-01			Prepared: 01/19/07 Analyzed: 01/24/07					
Biochemical Oxygen Demand	653	2.00	mg/l		624			5	20	
Reference (7012510-SRM1)					Prepared: 01/18/07 Analyzed: 01/23/07					
Biochemical Oxygen Demand	193	2.00	mg/l	198		97	84-115			
Batch 7012518										
Duplicate (7012518-DUP1)		Source: 0701313-01			Prepared & Analyzed: 01/18/07					
Dissolved Oxygen	5.91	0.10	mg/l		5.87			0.7	20	
Duplicate (7012518-DUP2)		Source: 0701313-02			Prepared & Analyzed: 01/18/07					
Dissolved Oxygen	6.51	0.10	mg/l		6.40			2	20	
Duplicate (7012518-DUP3)		Source: 0701313-03			Prepared & Analyzed: 01/18/07					
Dissolved Oxygen	2.01	0.10	mg/l		1.96			3	20	
Batch 7012606										
Blank (7012606-BLK1)					Prepared & Analyzed: 01/25/07					
Total Kjeldahl Nitrogen	ND	0.5	mg/l							

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Client Name: EMAX Laboratories, Inc.
 Project Name: 07A499C/Palmer Hall Sewage/NAVSTA Outfall #70

EMA Log #: 0701313

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7012606										
LCS (7012606-BS1)										
Prepared & Analyzed: 01/25/07										
Total Kjeldahl Nitrogen	4.3	0.5	mg/l	4.10		105	80-120			
LCS Dup (7012606-BSD1)										
Prepared & Analyzed: 01/25/07										
Total Kjeldahl Nitrogen	4.4	0.5	mg/l	4.10		107	80-120	2	20	
Duplicate (7012606-DUP1)										
Source: 0701313-01										
Prepared & Analyzed: 01/25/07										
Total Kjeldahl Nitrogen	2.0	0.5	mg/l		2.0			0	20	
Matrix Spike (7012606-MS1)										
Source: 0701313-01										
Prepared & Analyzed: 01/25/07										
Total Kjeldahl Nitrogen	5.6	0.5	mg/l	4.10	2.0	88	80-120			
Matrix Spike Dup (7012606-MSD1)										
Source: 0701313-01										
Prepared & Analyzed: 01/25/07										
Total Kjeldahl Nitrogen	6.0	0.5	mg/l	4.10	2.0	98	80-120	7	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix Analytical, Inc.



Client Name: EMAX Laboratories, Inc.
Project Name: 07A499C/Palmer Hall Sewage/NAVSTA Outfall #70

EMA Log #: 0701313

Notes and Definitions

A-04 >1600
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

0701313



CHAIN OF CUSTODY

Ref. Document #

Page 1 of 1

Preservation Code / Bottle Type
 Requesting Testing Program
 JAN 18 '07 16:40

Due Date:
Job Order Number: 1638493
Project Name: Palmer Hall Sewage
Project Location: NAVSTA Outfall #70
Activity: CNRSW
Lab Destination: EMAX
Lab Contact: Caspar Pang
Lab Phone #: (310) 818-8889 ext:128

Company Name: Shaw Environmental, Inc.
Address: Naval Air Station North Island, Bldg-40
City / State / Zip: San Diego, CA 92135
Project Manager: Brent Beverage
Phone/Fax Number: 619-545-9431 / 619-545-0793
Client Contact: Rob Chickester
Phone/Fax Number: (619) 524-8417 / 524-8519
Results Delivery: Emailed / Picked Up
Special Instructions:
Email Address: rob.chickester@navy.mil
Method of Shipment: Courier Fed Ex

Sample Delivery Group	Sample ID / Location	Date	Time	Matrix	Method/ SOP#	No. of Bottles	Collection Information												
							TEL Coliform (SM 8221B)	Fec Coliform (SM 8221C)	Enterococcus (SM 8228C)	BOD @ 210, DO 4500-O, EC 2510	TKN 3613								
07A499C	Outfall #70 SR 15	01/18/07	1530	WW	Grab	5	X	X	X	X	X								
07A499C	Outfall #70 North Harbor Dr	01/18/07	1630	WW	Grab	5	X	X	X	X	X								
07A499C	Outfall #70 National Ave	01/18/07	1550	WW	Grab	5	X	X	X	X	X								

Sample(s) Name(s): Arsenic/ Brient
Turnaround Time: Unscheduled
Hours Sampling: 2 hrs
Matrix / Regulatory Programs: HAZWOW (RCRA) WW (NPDES/CWA)
 DW (SDWA) Solid (HUD) LQ/Other
Bottle Type/Preservative Codes:
 1 = HCl 7 = C₂H₅O₂ 13 = 60 ml
 2 = Na₂S₂O₃ 8 = NaHSO₄·H₂O 14 = 125 ml
 3 = H₂SO₄ 9 = HNO₃ 15 = 250 ml
 4 = NaOH 10 = Ice 16 = 500 ml
 5 = CH₃CO₂H 11 = Glass 17 = 1 Liter
 6 = NaOH + ZnAC 12 = HDPE 18 = 6 Liter

Time Received By: [Signature] 1/18/07 16:19
Date: 1/18/07
Time Received By: [Signature]
Date:
Time Received By: [Signature]
Date:

T=11°C



DEPARTMENT OF THE NAVY
COMMANDER NAVY REGION SOUTHWEST
937 NO. HARBOR DR.
SAN DIEGO, CALIFORNIA 92132-0058

IN REPLY REFER TO:
5090
Ser N45JWW.1s/0108
March 6, 2007

Executive Officer (Sanitary Sewer Overflow Report)
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court
San Diego, CA 92123

Ladies and Gentlemen:

SUBJECT: NOTICE OF VIOLATION ORDER NO. R9-2006-0157
PALMER HALL SSO
FEBRUARY 2007 CHOLLAS CREEK MONITORING RESULTS

As part of the Navy's response to Notice of Violation Order No. R9-2006-0157 and as proposed in a technical report for the sanitary sewer overflow at Palmer Hall on Naval Base San Diego, the second round of Chollas Creek water quality monitoring is submitted as enclosures (1) and (2).

During the first round of sampling, water samples were collected from two intertidal locations (Harbor Drive and Outfall 70) and one upstream nontidal location (National City Avenue) within Chollas Creek, during a low tide within the Spring tidal period on January 18, 2007. These results were submitted to the Regional Water Quality Control Board on February 8, 2007. The second round, samples were collected on February 15, 2007 between 14:00 and 14:30 during a low tide within a Spring tidal period from the same locations as the first round

The second round intertidal samples had total coliform values ranging from 500 to 900 Most Probable Number (MPN) per 100 milliliters (700 MPN average), fecal coliform of 300 and 500 MPN (400 MPN average), and Enterococcus of 50 to 130 MPN (90 MPN average). Within the intertidal zone, all bacteria results were higher than the January results. Comparison of the November 2006 and February 2007 intertidal results show total coliform decreased by 833 MPN, fecal coliform increased by 137 MPN, and Enterococcus decreased slightly by 13 MPN.

The upstream non-tidal results of a sample collected from the National Avenue location on Chollas Creek again had high total coliform (1,600 MPN), fecal coliform (500 MPN), and Enterococcus (80 MPN). The National Avenue location is upstream of the Navy's property and wasn't influenced by the Palmer Hall sewage release.

~~UNCLASSIFIED~~

Both total and fecal coliform concentrations from the upstream sampling location during January and February 2007 are higher than the intertidal results from the same time periods.

Since November 2006, average Total Kjeldahl Nitrogen (TKN) within the intertidal zone increased slightly from 1.0 to 2.4 milligrams per liter (mg/L) and average dissolved oxygen (DO) decreased from 11.3 to 6.8 mg/L. The upstream National Avenue TKN was 0.7 mg/L, lower than the intertidal zone average (3.4 mg/L), and DO concentrations were 4.74 mg/L. Biological Oxygen Demand (BOD) was not detected in any upstream or intertidal zone samples in February 2007.

Monitoring has shown coliform bacteria are persistent within the intertidal zone of Chollas Creek, indicating ongoing bacterial sources not related to the Palmer Hall SSO. For fecal coliform, water quality within the Chollas Creek intertidal zone is worse since the Navy's SSO (see Enclosure (1)). Upstream samples show high concentrations of total and fecal coliform and the upstream portion of Chollas Creek may be an ongoing source of coliform and Enterococcus within the intertidal zone of Chollas Creek. Based upon probable upstream sources causing persistent coliform bacteria in Chollas Creek, for activities resulting from the Palmer Hall SSO, we recommend no further sampling or action.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If there are any questions regarding this submittal, please feel free to contact Mr. Len Sinfield at (619) 524-6307.

Sincerely,


ROBERT A. CHICHESTER
By direction

Enclosure: 1. Chollas Creek Water Analytical Results Summary
2. Laboratory Analytical Data Sheets

Enclosure (1)
Chollas Creek Water Analytical Results Summary

**Chollas Creek Water Analytical Results Summary,
November 2006 to February 2007**

Constituent	Intertidal Zone Samples									
	Main Street Bridge	Downstream 32nd Street Bridge	Upstream Outfall	Monitoring Event Averages	Outfall #70 SR15	Outfall #70 North Harbor Drive	Monitoring Event Averages	Outfall #70 SR15	Outfall #70 North Harbor Drive	Monitoring Event Averages
Sampling Date	11/22/2006	11/22/2006	11/22/2006	11/22/2006	1/18/2007	1/18/2007	1/18/2007	2/15/2007	2/15/2007	2/15/2007
Total Coliform (MPN/100ml)	3000	500	1100	1533	240	900	570	900	500	700
Fecal Coliform (MPN/100ml)	260	230	300	263	13	14	13.5	300	500	400
Enterococcus (MPN/100ml)	40	40	230	103	8	130.0	69	50	130	90
Total Kjeldahl Nitrogen (mg/L ²)	2.5	ND ³ < 0.5	ND < 0.5	1.00	2.0	2.2	2.1	5.8	1.0	3.4
BOD ₂₀ ⁴ (mg/L)	NA	NA	NA	NA	231	135	183	ND < 2.00	ND < 2.00	ND < 2.00
Dissolved Oxygen (mg/L)	12.2	11.0	10.8	11.3	5.87	6.40	6.1	5.87	3.25	4.6
Specific Conductance (µmhos/cm ⁵)	NA	NA	NA	NA	44300	43700	44000	40200	43800	42000

Change in Intertidal zone averages since Nov 2006
2/15/07-11/22/06
-833
137
-13
2.4
NA
-6.8
NA

Constituent	Upstream Non-Intertidal Zone Samples		
	Outfall#70 National Avenue	Outfall#70 National Avenue	Outfall#70 National Avenue
Sampling Date	1/18/2007	2/15/2007	2/15/2007
Total Coliform (MPN/100ml)	> 1,600	1600	900
Fecal Coliform (MPN/100ml)	30	500	100
Enterococcus (MPN/100ml)	140	80	-10
Total Kjeldahl Nitrogen (mg/L ²)	0.8	0.7	-2.7
BOD ₂₀ ³ (mg/L)	311	ND < 2.00	ND < 2.00
Dissolved Oxygen (mg/L)	1.96	4.74	0.2
Specific Conductance (µmhos/cm ⁵)	24000	11700	-30300

Difference between upstream non-intertidal results and intertidal averages
2/15/2007
900
100
-10
-2.7
ND < 2.00
0.2
-30300

Notes:
¹MPN/100 ml - Most Probable Number per 100 milliliters.
²mg/L - Milligrams per Liter or parts-per-million (ppm)
³ND - not detected above method detection limit.
⁴BOD - Biological Oxygen Demand.
⁵µmhos/cm - Micro-ohms per centimeter.

Enclosure (2)
Laboratory Analytical Data Sheets

Construction Personnel Contact List.

Encl (10)

Navy:

Shannon Plummer, Assistant Resident Engineer in Charge of Construction (AREICC), ROICC San Diego. This person is no longer a Navy employee and does not live in the San Diego area.

LT Kevin Stiles, Assistant Resident Officer in Charge of Construction (AROICC) San Diego. This person has resigned his commission.

Steve Hassett, Supervisory/Lead General Engineer, FEAD PWD NBSD, (619) 556-0649

Naval Base San Diego Public Works Officer; (619) 556-1310

Contractor:

John Bayardo, SOLTEK Pacific Quality Control Manager (619) 296-6247.

Dave Shaposhnick, DSI (Plumbing subcontractor)

Cleanup and abatement discussion.

Encl (11)

Q: The December 28, 2006 Navy response discussed a cleanup and mitigation plan as requested. In the July 30, 2007 revised investigative order the SD RWQCB is requesting a cleanup plan to contain specific element of an on-site cleanup and/or a plan to abate/restore the short and long term effects from the type of constituents associated with the discharge of 14.2 million gallons (*estimated*) of raw sewage to Chollas Creek and San Diego Bay.

A: Short Term Plan:

The Navy's short term clean up plan was to clean and remove the liquids and solids from the affected storm drain manholes, catch basins, and the 4000 linear feet of storm drain piping, from Palmer Hall to the Chollas Creek. That task was completed and SD RWQCB Staff, Ms. M. Valdovinos, was notified via e-mail on 25 November 2006 by Mr. Brian Gordon, CNRSW Environmental (e-mail attached).

A: Long Term Plan:

The Navy's long term plan to abate/restore the effects from the discharge of raw sewage is based on the following:

1. Sample results conducted on 22 November 2006, 18 January 2007, and 15 February 2007 show fecal coliform results at the outfall and downstream of the outfall are lower than measured upstream levels. (refer to sampling table submitted).
2. Because of the length of the cross-connected storm drain pipe, approximately 4,000 ft, and the fact that the storm drain line had a significant dip in it, solids from the sewer discharge settled within the storm drain line with the liquid portion discharged. These solids were removed during the storm drain cleaning. During initial spill investigation no sewage related solid materials, such as toilet paper, feminine products, etc. were found in or in the vicinity of outfall 70 at Chollas Creek. Therefore, there wasn't any Palmer Hall sewer cross connection solids to be removed from Chollas Creek.

A total maximum daily load (TMDL) is being developed for bacteria in the Chollas Creek watershed. Based on the sample results discussed above, it is the Navy's position that working with Chollas Creek stakeholders on the Chollas Creek bacteria TMDL program is the most effective long term bacteria related abatement plan. The Navy also plans to continue participating in the adopt a creek program for Chollas Creek and it's watershed along with it's partnership with the City of San Diego for trash removal at the mouth of Chollas and Paleta creek. It is our opinion that these are the most beneficial long term related abatement plans for Chollas Creek.

NOOR [Signature]

Construction Personnel Contact List.

Encl (10)

Navy:

Shannon Plummer, Assistant Resident Engineer in Charge of Construction (AREICC), ROICC San Diego. This person is no longer a Navy employee and does not live in the San Diego area.

LT Kevin Stiles, Assistant Resident Officer in Charge of Construction (AROICC) San Diego. This person has resigned his commission.

Steve Hassett, Supervisory/Lead General Engineer, FEAD PWD NBSD, (619) 556-0649

Naval Base San Diego Public Works Officer; (619) 556-1310

Contractor:

John Bayardo, SOLTEK Pacific Quality Control Manager (619) 296-6247.

Dave Shaposhnick, DSI (Plumbing subcontractor)

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Base IC/ID inspection results and IC/ID report on facilities constructed after 2002.

Encl (12)

Chichester, Rob A CIV ASWTC San Diego, N45

To: Chichester, Rob A CIV ASWTC San Diego, N45
Subject: RE: One Time Look At All Stormwater Outfalls

From: Kennedy, Peter A CIV
Sent: Monday, November 20, 2006 14:46
To: Chichester, Rob A CIV
Subject: FW: One Time Look At All Stormwater Outfalls

>
>From: Edson, Mark A CDR
>Sent: Monday, November 20, 2006 14:31
>To: Kennedy, Peter A CIV
>Cc: Gordon, Brian S CIV; Stager, Daryel N CIV; Williamson, Frank D CIV
>Subject: RE: One Time Look At All Stormwater Outfalls

>
>Pete:
>
>All industrial outfalls have been looked at in October with nothing unusual discharging from any of these outfalls. Also, my water guys started looking at all of the non industrial outfalls after I spoke with you and just completed their observations. Two outfalls on the north side of Harbor Drive across from Gate 2 have discharges. In speaking with MACTEC these two outfalls discharge ground water.

>There are several over by the athletic complex that we can not observe because all are covered by vegetation.

>
>Vr/mark

>
>From: Kennedy, Peter A CIV
>Sent: Monday, November 20, 2006 9:42
>To: Edson, Mark A CDR; Ordonio, Archie R CIV VN45RCAO - Compl. Manager, Environmental Department
>Cc: Chichester, Rob A CIV; Gordon, Brian S CIV; Hall, Ed C CIV; Ringor, Rey D CIV; Stager, Daryel N CIV; Wilson, Alan L. CIV NAVREGSW
>Subject: RE: One Time Look At All Stormwater Outfalls

>
>Mark - We should investigate all outfalls with discharge. This means >contacting Public Works and having them chase down what is coming out >of the stormwater outfall. I realize that in most cases it will be >irrigation, but we need to follow through. If a boat is required, >please let me know how many outfalls we are talking about. We might be >able to work with Port Ops. - Pete

>
>From: Edson, Mark A CDR
>Sent: Monday, November 20, 2006 9:38
>To: Kennedy, Peter A CIV; Ordonio, Archie R CIV VN45RCAO - Compl. Manager, Environmental Department
>Cc: Chichester, Rob A CIV; Gordon, Brian S CIV; Hall, Ed C CIV; Ringor, Rey D CIV; Stager, Daryel N CIV; Wilson, Alan L. CIV NAVREGSW
>Subject: RE: One Time Look At All Stormwater Outfalls

>
>Pete:
>
>Are we to report/record all outfalls with discharge? Many of the discharges may be related to irrigation or filtration into the storm drain system. I've got to check but some of our outfalls may only be visible by boat...along the quay wall.

>
>Vr/mark

>
>

>From: Kennedy, Peter A CIV
>Sent: Monday, November 20, 2006 9:29
>To: Edson, Mark A CDR; Ordonio, Archie R CIV VN45RCAO - Compl. Manager, Environmental Department
>Cc: Chichester, Rob A CIV; Gordon, Brian S CIV
>Subject: One Time Look At All Stormwater Outfalls

>
>All - As most of you know, there was a large sewage spill detected at NBSD on Friday. It was from a non-industrial stormwater outfall. NBSD has a quarterly inspection of all industrial outfalls, but since this was non-industrial it was undetected. I would like all stormwater outfalls on S.D. Bay to be inspected this week at NBSD, NAB Coronado, NASNI and NBPL.

>I realize this is a lot of extra work, please let me know if it cannot be done, why it cannot be done, and if not able this week then when you could get this done.

>The weather is good this week, so in theory all stormwater outfalls should be dry. If it is wet, please note and report. I understand it could be just runoff from irrigation, but we need to take a hard look at what is potentially going into the bay. Thank-you. - Pete

>

>Peter Kennedy
>CNRSW Environmental Program Manager
>(619) 524-6302

>Fax (619) 524-6349

>Provide comments for Environmental Services at:

><https://ice.disa.mil/index.cfm?fa=card&site_id=720&service_provider_id=100360>

>

Map identifying the locations of all sample points including the location of the release to Chollas Creek (Outfall 70).

Encl (13)

LARGE
SCALE
MAP
ATTACHED

Copies of construction project QA/QC reports'

Encl (7)

CONTRACTORS PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date: **06/30/03**

Contract No. N68711-02-D-8013 DO #001		Title and Location P-254 BEQ, Naval Station San Diego		Report No. 104 Amendment	
Subcontractor Soltek Pacific		Superintendents Paul Cates, Keith Moss			
AM Weather clear	PM Weather clear	Max Temp 75	*F	Min Temp 70	*F

WORK PERFORMED TODAY

WORK PERFORMED TODAY	EMPLOYER	NO.	TRADE	HOURS
Supervision	SOLTEK	1	Safety Officer	8
		1	Superintendents	12
		1	CQC	8
Temp-power, preplan, install panels on H wall	NEAL ELECTRIC	2	Journeyman	16
		1	Technician	
		1	Apprentice	
General labor	SOLTEK F.O.	3	Journeyman	
		1	Laborers	9
		1	Apprentice	
Mobilized RJL's jobsite office, set piping package in the 1st floor on bars	RJ LANTHIER	1	Foreman	10
		2	Journeyman	16
		1	Apprentice	8
	RBF ENGINEERING	1	Party Chief	
		1	Chainman	
Reinforced concrete inspection	G-FORCE	1	Project Engineer	
		1	Technician	9.5
Layout template from mock-up, backfill open excavations, excavate and install for preinsulated CHW and HHW piping.	DSI PLUMBING	1	Foreman	10
		3	Plumber	28
		1	Operator	10
		1	Apprentice	
	SUPERIOR ROOFING	4	Roofer	
		1	Operator	
Vest wing walls, set one curtain.	PCS	1	Foreman	9
		6	Journeyman	50
		5	Apprentice	40
deck layout, blockouts, add tails to panels, walls columns, operate crane, extend wall panels, strip blockouts, chip and patch walls	JR CONSTRUCTION	1	Superintendent	8
		13	Carpenter	136
		6	Laborers	56
		2	Operator	21
		1	Cement Mason	4.5
		4	Apprentice	44
Cement	Frank & Sons Paving	1	Superintendent	
		1	Foreman	4
		4	Laborer	15
		1	Truck Driver	2
	BURCH	3	Drywall	
		1	Laborer	
	WEST COAST IRON		Journeyman	
		1	Apprentice	

JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of meeting minutes)	TOTAL WORK HOURS ON JOB SITE THIS DATE	534
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES, attach copy of environmental OSHA report)	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	22084.75
	WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach statement or checklist showing inspection performed)	TOTAL HOURS FROM START OF CONSTRUCTION	22618.75
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES, attach description of incident and proposed action)	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	YES <input type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET <input type="checkbox"/>

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB
 systecon piping package, 3cy mix design 305006-5000psi, proset sleeves
 CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY.

Keith Moss
 SUPERINTENDENT

9/17/03
 DATE

ENCLOSURE (4)

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE **06-30-03**
REPORT NO **98 Amendment**

PHASE CONTRACT NO **N68711-02-D-8013** CONTRACT TITLE **P-254 Bachelor Enlisted Quarters / 32nd Street Naval Station, San Diego, CA**

PREPARATORY	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.	
	Schedule Activity No.	Definable Feature of Work

INITIAL	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.	
	Schedule Activity No.	Definable Feature of Work

FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
	1-347	Neal Electric pre plan temporary power, install panels on H walls
	S0062	Soltek Pacific general labor
	S0113	RJ Lanthier mobilized jobsite trailer, set piping package in the first floor on bars
	1-330	G Force inspected reinforced concrete
	S0114	DSI layout template from mock up, backfill open excavations excavate and install preinsulated CHW and HHW piping
	1-330	PCS prefabricate, set walls and one curtain
	1-330	JR Construction operate tower crane, deck, layout, blockouts, add tails to panels, wall columns, extend wall panels, strip blockouts and chip and patch walls

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

Schedule Activity No.	Description
	Amendment to QC report #98 dated 06-30-03 due to the fact that Frank and Sons Paving did not turn in a daily

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

09.17.03
 AUTHORIZED QC MANAGER AT SITE DATE

GOVERNMENT QUALITY ASSURANCE REPORT DATE

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

ENCLOSURE ()

CONTRACTORS PRODUCTION REPORT
(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date: 06/28/03

Contract No. N68711-02-D-8013 DO #001	Title and Location P-254 BEQ, Naval Station San Diego	Report No. 103 Amendment
Subcontractor Soltek Pacific	Superintendents Paul Cates, Keith Moss	

AM Weather clear	PM Weather clear	Max Temp 75	*F	Min Temp 70	*F
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WORK PERFORMED TODAY

WORK PERFORMED TODAY	EMPLOYER	NO.	TRADE	HOURS
Supervision	SOLTEK	1	Safety Officer	
		1	Superintendents	
		1	CQC	6
	NEAL ELECTRIC	1	Journeyman	
		1	Technician	
		1	Apprentice	
	SOLTEK F.O.	3	Journeyman	
		1	Laborers	
		1	Apprentice	
	RJ DAN THIER	1	Foreman	
		1	Apprentice	
	RBE ENGINEERING	1	Party Chief	
		1	Chainman	
	G.FORCE	1	Project Engineer	
		2	Technician	
	DSI PLUMBING	1	Foreman	
		3	Plumber	
		1	Operator	
		1	Apprentice	
	SUPERIOR ROOFING	4	Roofer	
		1	Operator	
pour West wing walls	PCS	1	Foreman	8
		3	Journeyman	24
		5	Apprentice	39.5
pour columns, plumbing and line walls, prefab	JR CONSTRUCTION	1	Superintendent	
wall panels, pour watch, close up walls panels		14	Carpenter	99
pour walls, clean up, operate crane, strip wall		7	Laborer	45
panels		2	Operator	17.5
		9	Cement Mason	
		3	Apprentice	24
	BURCH	3	Drywall	
		1	Laborer	
	WEST COAST IRON	1	Journeyman	
		1	Apprentice	

JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of meeting minutes)	TOTAL WORK HOURS ON JOB SITE THIS DATE 263
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES, attach copy of environmental OSHA report)	
	WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach statement or checklist showing inspection performed)	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT 21850.75
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES, attach description of incident and proposed action)	TOTAL HOURS FROM START OF CONSTRUCTION 22113.75

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	YES	SAFETY REQUIREMENTS HAVE BEEN MET
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EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB
exterior wall panel extensions for East wing

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY

COMMENTS

Keith Moss
SUPERINTENDENT

DATE

ENCLOSURE (1)

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 06-28-03

REPORT NO 97

PHASE CONTRACT NO N68711-02-D-8013 CONTRACT TITLE P-254 Bachelor Enlisted Quarters / 32nd Street Naval Station, San Diego, CA

PREPARATORY	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

INITIAL	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	
	1-330	PCS prefabricate walls	
	1-330	JR Construction operate tower crane, pour columns, plumb and line walls, prefabricate wall panels, pour watch, pour walls, clean up.	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)	
Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

07-01-03
 AUTHORIZED QC MANAGER AT SITE DATE

GOVERNMENT QUALITY ASSURANCE REPORT DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

15 JUL 03
 GOVERNMENT QUALITY ASSURANCE MANAGER DATE

CONTRACTORS PRODUCTION REPORT
(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date: 06/27/03

Contract No. N68711-02-D-8013 DO #001	Title and Location P-254 BEQ, Naval Station San Diego	Report No. 102 Amendment
Subcontractor Soltek Pacific	Superintendents Paul Cates, Keith Moss	

AM Weather clear	PM Weather clear	Max Temp 75	*F	Min Temp 70	*F
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WORK PERFORMED TODAY

WORK PERFORMED TODAY	EMPLOYER	NO.	TRADE	HOURS
Supervision	SOLTEK	1	Safety Officer	8
		1	Superintendents	18
		1	CQC	9
pre-plan, layout, template, low voltage meeting	NEAL ELECTRIC	1	Journeyman	8
		1	Technician	
		1	Apprentice	
	SOLTEK F.O.	3	Journeyman	
		1	Laborers	
		1	Apprentice	
	RJPANTHIER	1	Foreman	
		1	Apprentice	
	RBF ENGINEERING	1	Party Chief	
		1	Chainman	
reinforced concrete inspection	G-FORCE	1	Project Engineer	
		2	Technician	15
layout template from mock-up, backfill open excavations	DSI PLUMBING	1	Foreman	8
		3	Plumber	24
		1	Operator	3
		1	Apprentice	
	SUPERIOR ROOFING	4	Roofer	
		1	Operator	
pre West wing walls, set West wing walls	PCS	1	Foreman	10
		9	Journeyman	54
		5	Apprentice	45
pour columns, plumbing and line walls, prefab wall panels, pour, watch, close up walls panels	JR CONSTRUCTION	1	Superintendent	8
pour walls, clean up, operate crane		10	Carpenter	77
		5	Laborer	47
		2	Operator	17
		9	Cement Mason	
		3	Apprentice	22
	BURCH	3	Drywall	
		1	Laborer	
	WEST COAST IRON	1	Journeyman	
		1	Apprentice	

JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of meeting minutes)	TOTAL WORK HOURS ON JOB SITE THIS DATE	373	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of environmental OSHA report)	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	21474.75	
	WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach statement or checklist showing inspection performed)	TOTAL HOURS FROM START OF CONSTRUCTION	21847.75	
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach description of incident and proposed action)			

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	YES	SAFETY REQUIREMENTS HAVE BEEN MET
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB 252cy mix #335006 for walls, 4.5cy mix #335006 for columns, CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY.		

COMMENTS

Keith Moss
SUPERINTENDENT

DATE

ENCLOSURE ()

NOON 11/03

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE **06-27-03**
REPORT NO **96**

PHASE CONTRACT NO **N68711-02-D-8013** CONTRACT TITLE **P-254 Bachelor Enlisted Quarters / 32nd Street Naval Station, San Diego, CA**

PREPARATORY	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.	
	<small>Schedule Activity No.</small>	<small>Definable Feature of Work</small>
		<small>Index #</small>

INITIAL	WAS INITIAL PHASE WORK PREFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.	
	<small>Schedule Activity No.</small>	<small>Definable Feature of Work</small>
		<small>Index #</small>

FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	<small>Schedule Activity No.</small>	<small>Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present</small>
	1-347	Neal Electric pre plan low voltage meeting
	1-330	G Force inspected reinforced concrete
	S0114	DSI layout template from mock up, backfill open excavations
	1-330	PCS prefabricate and set walls
1-330	JR Construction operate tower crane, close up wall panels, pour columns, plumb and line walls, prefabricate wall panels, pour watch, pour walls, clean up.	

<small>REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)</small>		<small>REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)</small>	
<small>Schedule Activity No.</small>	<small>Description</small>	<small>Schedule Activity No.</small>	<small>Description</small>

<small>REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.</small>	
<small>Schedule Activity No.</small>	<small>Description</small>

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

[Signature] **07-01-03**
AUTHORIZED QC MANAGER AT SITE DATE

GOVERNMENT QUALITY ASSURANCE REPORT DATE

<small>QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT</small>	
<small>Schedule Activity No.</small>	<small>Description</small>

[Signature] **07-01-03**
GOVERNMENT QUALITY ASSURANCE MANAGER DATE

CONTRACTORS PRODUCTION REPORT
(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date: 06/26/03

Contract No. N68711-02-D-8013 DO #001	Title and Location P-254 BEQ, Naval Station San Diego	Report No. 101
Subcontractor Soltek Pacific	Superintendents Paul Cates, Keith Moss	

AM Weather clear	PM Weather clear	Max Temp 75	*F	Min Temp 70	*F
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WORK PERFORMED TODAY

WORK PERFORMED TODAY	EMPLOYER	NO.	TRADE	HOURS
Supervision	SOLTEK	1	Safety Officer	8
		1	Superintendents	23
		1	CQC	8
pre-plan foreman's meeting; jobsite coordination with J.R.	NEAL ELECTRIC	1	Journeyman	8
		1	Technician	
		1	Apprentice	
	SOLTEK F.O.	3	Journeyman	
		1	Laborers	
		1	Apprentice	
Foreman's meeting; went over shaft openings with Paul Cates; installed electrical power to job trailer	TRJ ANTHIER	1	Foreman	10
		1	Apprentice	
	TRB ENGINEERING	1	Party Chief	
		1	Chainman	
reinforced concrete inspection	CEFORCE	1	Project Engineer	
		1	Technician	8
Excavate and install site sewer and gas west of 1 line, sleeve North wing walls	DSI PLUMBING	1	Foreman	8
		3	Plumber	24
		1	Operator	8
		1	Apprentice	
	SUPERIOR ROOFING	4	Roofer	
		1	Operator	
prerab West wing walls, set West wing walls	PCS	1	Foreman	8
		5	Journeyman	40
		6	Apprentice	48
close up wall panels (East) operate crane	JR CONSTRUCTION	1	Superintendent	8
		10	Carpenter	126.5
		2	Laborer	25
		2	Operator	16.5
		9	Cement/Mason	
		3	Apprentice	37.5
	BURCH	3	Drywall	
		1	Laborer	
	WEST COAST IRON	1	Journeyman	
		1	Apprentice	

JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of meeting minutes)	TOTAL WORK HOURS ON JOB SITE THIS DATE	414.5	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of environmental OSHA report)	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	21060.25	
	WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach statement or checklist showing inspection performed)	TOTAL HOURS FROM START OF CONSTRUCTION	21474.75	
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach description of incident and proposed action)	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	YES	SAFETY REQUIREMENTS HAVE BEEN MET

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB
3 units 2x4, 13 units deck plywood, West wing wall and zones, bath tubs and shower valves

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY.

COMMENTS:

Keith Moss
SUPERINTENDENT

DATE

ENCLOSURE ()

NOON 6/26/03

CONTRACTORS PRODUCTION REPORT
(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date: 06/25/03

Contract No. N68711-02-D-8013 DO #001	Title and Location P-254 BEQ, Naval Station San Diego	Report No. 100
Subcontractor Soltek Pacific	Superintendents Paul Cates, Keith Moss	

AM Weather clear	PM Weather clear	Max Temp 75	*F	Min Temp 70	*F
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WORK PERFORMED TODAY

WORK PERFORMED TODAY	EMPLOYER	NO.	TRADE	HOURS
Supervision	SOLTEK	1	Safety Officer	8
		1	Superintendents	22.5
		1	CQC	8
wall rough in (N wing), jobsite coordination,	NEAL ELECTRIC	1	Journeyman	8
temp power		1	Technician	
		1	Apprentice	
	SOLTEK F.O.	3	Journeyman	
		1	Laborers	
		1	Apprentice	
	RJ LANTIER	1	Foreman	
		1	Apprentice	
	RBF ENGINEERING	1	Party Chief	
		1	Chainman	
Inspection reinforced steel	GEORGE	1	Project Engineer	
		1	Technician	8
Excavate and install site sewer 12-1 line	DSI PLUMBING	1	Foreman	8
		3	Plumber	24
		1	Operator	8
		1	Apprentice	
	SUPERIOR ROOFING	4	Roofer	
		1	Operator	
prefab West wing walls, set West wing walls,	PCS	1	Foreman	9
finish up elev area walls		5	Journeyman	44
		5	Apprentice	44
walls layout, embeds, install inside wall panels,	JR CONSTRUCTION	1	Superintendent	8
east and west, clear rebar, install blockouts (E)		10	Carpenter	112
clean jobsite, operate crane		2	Laborer	22
		2	Operator	19.5
		9	Cement Mason	
		3	Apprentice	33
	BURCH	3	Drywall	
		1	Laborer	
	WEST COAST IRON	1	Journeyman	
		1	Apprentice	

JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of meeting minutes)	TOTAL WORK HOURS ON JOB SITE THIS DATE	386
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES, attach copy of environmental OSHA report)	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	20674.25
	WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach statement or checklist showing inspection performed)	TOTAL HOURS FROM START OF CONSTRUCTION	21060.25
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES, attach description of incident and proposed action)		

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	YES	SAFETY REQUIREMENTS HAVE BEEN MET
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EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB
1 unit 2x4, wall panels for elevator core, bath tubs, shower valves

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY.

COMMENTS

Keith Moss
SUPERINTENDENT

DATE

ENCLOSURE ()

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 06-25-03

REPORT NO 94

PHASE CONTRACT NO N68711-02-D-8013 CONTRACT TITLE P-254 Bachelor Enlisted Quarters / 32nd Street Naval Station, San Diego, CA

PREPARATORY	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

INITIAL	WAS INITIAL PHASE WORK PREFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	
	1-347	Neal Electric rough in walls. Jobsite coordination, temp power	
	1-330	G Force inspected reinforced concrete	
	S0114	DSI excavate and install site sewer 12 line to 1 line.	
	1-330	PCS prefabricate and set walls, finish up elevator walls, cleanup	
1-330	JR Construction layout, operate tower crane, project clean up, install block outs, install inside wall panels		

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)	
Schedule Activity No.	Description

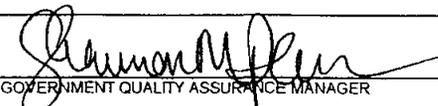
On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.


 AUTHORIZED QC MANAGER AT SITE 07.01.03 DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description


 GOVERNMENT QUALITY ASSURANCE MANAGER 15JUL03 DATE

CONTRACTORS PRODUCTION REPORT
(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date: 06/24/03

Contract No. N68711-02-D-8013 DO #001		Title and Location P-254 BEQ, Naval Station San Diego	Report No. 99
Subcontractor Soltek Pacific		Superintendents Paul Cates, Keith Moss	

AM Weather clear	PM Weather clear	Max Temp 75	*F	Min Temp 70	*F
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WORK PERFORMED TODAY

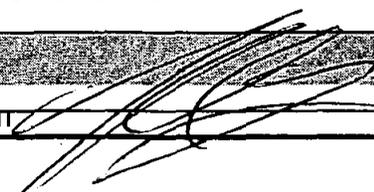
WORK PERFORMED TODAY	EMPLOYER	NO.	TRADE	HOURS
Supervision	SOLTEK	1	Safety Officer	8
		1	Superintendents	23.5
		1	CQC	9.5
Window and door rough in walls, coordination for exterior lighting with Ron. Removed and re-located con lights in mock-up, pre-plan	NEAL ELECTRIC	1	Journeyman	8
		1	Technician	
		1	Apprentice	
	SOLTEK F.O.	3	Journeyman	
		1	Laborers	
		1	Apprentice	
	RJ LANTIER	1	Foreman	
		1	Apprentice	
	RBF ENGINEERING	1	Party Chief	
		1	Chainman	
	C-FORGE	1	Project Engineer	
		2	Technician	
Excavate and install site sewer 12-1 line	DSI PLUMBING	1	Foreman	8
		2	Plumber	16
		1	Operator	8
		1	Apprentice	
	SUPERIOR ROOFING	4	Roofer	
		1	Operator	
start to prefab West wing walls, continue to bottom up east wings walls, job site clean up	PCS	1	Foreman	8
		7	Journeyman	52
		6	Apprentice	48
walls layout, embeds, install inside wall panels, east and west, clear rebar, install blockouts (E), clean jobsite, operate crane	JR CONSTRUCTION	1	Superintendent	8
		10	Carpenter	100.5
		24	Laborer	16
		24	Operator	17
		9	Cement Mason	
		4	Apprentice	36
	BURCH	3	Drywall	
		1	Laborer	
	WEST COAST IRON	1	Journeyman	
		1	Apprentice	

JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of meeting minutes)	TOTAL WORK HOURS ON JOB SITE THIS DATE	366.5
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of environmental OSHA report)	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	20307.75
	WAS TRENCHING/SCAFFOLD/IV ELECTRICAL/HIGH WORK DONE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach statement or checklist showing inspection performed)	TOTAL HOURS FROM START OF CONSTRUCTION	20674.25
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach description of incident and proposed action)	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB zone's West wing	YES	SAFETY REQUIREMENTS HAVE BEEN MET
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CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY.

COMMENTS:

Keith Moss
SUPERINTENDENT  DATE

ENCLOSURE (L)

Meeting Minutes

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Job 472-B.E.Q.s Naval Station S.D., CA (P-254)

Project # N68711-02-D-8013, T.O. #0001

Tel: (619) 296-6247 Fax: (619) 296-0730

QC Meeting Meeting 11

Date	Start	End	Next Meeting	Next Time	Prepared By	Company
6/24/2003	09:00 AM	09:30 AM	7/1/2003	09:00 AM	Diane Rose	Soltek Pacific

Purpose	Location	Next Location	General Notes
Weekly QC Meeting	Soltek Trailer	Soltek Trailer	

Attended By

Soltek Pacific - John Bayardo
 Soltek Pacific - Ben Bump
 Soltek Pacific - Keith Moss
 Soltek Pacific - Paul Cates
 Soltek Pacific - S. Cody
 ROICC San Diego - Shannon Plummer

Non-Attendees

Item	Meeting	Item Description	Resp	Status	Due Date	Compl'd	Cls'd
Old Business							

Plumbing

010-001	The potable water test results have been given to the Government. The following strategy has been recommended. DSI Plumbing has been asked to close the north water supply valve and open the south valve. This will allow the water within the pipe system south of the valve to cycle through the system. Within several business days DSI will rechlorinate, repurge and retest the entire 10" loop system onsite. The gas line west of the mechanical building still needs to be compacted and tested. The second "wet" sewer pipe tests are on going. The welding of preinsulated water piping is being monitored.	David Shaposhnick	On-going				No
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Concrete Foundation and Slab

010-002	Concrete mix deign #315092 is not useable as approved due to the reduction in water per Hamid Liaghat. With the amount of reinforcing steel throughout the structure JR feels they will not be able to achieve proper flow of the material. A meeting will be scheduled this week between JR Construction, Vulcan Aggregates, Hamid Liaghat and Soltek Pacific. All concrete pours are inspected continuously with temperature monitoring beyond 90 minutes of being batched. The RFP calls out in section B1000 to refer to the A - E Guide dated January of 2000 regarding additional structural design criteria. Within section 6.8.8.1 (b) it states that concrete slabs on ground shall have construction, control or expansion joints at maximum spacing of 25 feet in each direction. Any approval for deviations must be obtained from code 04CN.EH at Southwest Division. Hamid Liaghat is being	FLC, Hamid Liaghat	On-going				No
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ENCLOSURE ()

Meeting Minutes
Detailed, Grouped by Each Meeting and by 'Old Business'
and 'New Business'

Item	Meeting	Item Description	Resp	Status	Due Date	Compl'd	Cls'd
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Old Business

asked for his interpretation on the matter.

Reinforced Steel

010-003		An epoxy / rebar detail has been issued by Hamid Liaghat and implemented by JR Construction and PCS for the walls of the elevator pit areas. Continuous inspections are ongoing for all rebar work.	JR Concrete, Pacific Coast Steel				Yes
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Electrical

010-004		Continuous inspections are ongoing for all electrical work.	Neal Electric	On-going			No
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Item	Meeting	Item Description	Resp	Status	Due Date	Compl'd	Cls'd
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New Business

Plumbing

011-001		DSI Plumbing continues to flush water through the south 10" main valve where the contamination was noted. Within two days the entire system will be rechlorinated, repurged and retested. The gas line west of the mechanical building still needs to be compacted and tested. The second series of "wet" sewer pipe tests are complete for the first floor. All testing has passed. Several broken sewer lines were located, repaired and retested. The welding of preinsulated water piping is being monitored as it occurs.	David Shaposhnick				No
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→ move to rework items

Concrete Foundation and Slab

011-002		Currently Vulcan aggregates is researching and developing a new 5000 psi wall mix that will contain the amount of water, plasticizer, and 3/8" rock suitable to eliminate every ones concern on flow and separation. A submittal should be ready for Hamid Liaghat's review later this week. Concerning RFP Section B1000 that refers to the A and E Guide Section 6.8.8.1 (b) on control or expansion joints Hamid Liaghat has approved three saw cuts within the West wing. To date it seems to have assisted in reducing the amount of cracks within the West wing in comparison to the East wing. Some time has been spent verifying the East and West wing areas for compliance with Section 03300 Subsection 3.8.1.2 concerning a surface level within 1/4 inch in 10 feet. Approximately 18 areas in the East wing and 27 areas in the West wing have been identified as out of specification tolerances. The inspection sheets have been given to the Superintendents.	Vulcan				No
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Reinforced Steel

011-003		Hamid Liaghat walked the project on 06-20-03 and created a list of corrections. The following is the detailed list. 1) Locate the 4 horizontal rebar under the windows at the proper location per the structural drawings. 2) Where the vertical rebar is not at the corner of ties add a vertical #5. 3) Ties spacing at a few locations were spaced more than specified on drawing. 4) Clearance of horizontal reinforcement for bathroom opening in shear wall should not exceed 2 inches. Vertical reinforcement next to window opening were	Pacific Coast Steel				No
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Meeting Minutes

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Item	Meeting	Item Description	Resp	Status	Due Date	Compl'd	Cls'd
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New Business

spaced as much as 5 inches. Either fix or add #6 rebar.
 5) Door to fire pump room next to grid line V-20 and V-14 add one horizontal #8 3 inches above door frame block out and add #4 verticals on 12 inch centers. Also Add horizontal #4 rebar on 12 inch centers above the door frame block out with 2 additional horizontal #8 rebar within the same area. G Force and Soltek Pacific are monitoring the progress of the work.

Safety Issues

011-004	1.) Fall protection at 6' or greater, NO exceptions! 2.) Fire extinguishers present with all torch work. 3.) Housekeeping. 4.) Weekly safety meeting logs to Cody. 5.) Qualified operators only on equipment.	All Subcontractors				No
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Safety Record

011-005	1.) Report all injuries, accidents and hazardous conditions to Cody (619) 855-0128, immediately. 2.) No injuries or accidents reported last week. 3.) Approximately 90 days and 14,500 man-hours so far without lost time due to injury.	FYI				No
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Production Report

011-006	Mechanical Building	FYI				No
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1. Neal Electric- Panels & gear in electrical room.
 2. Soltek Pacific- no activity.
 3. DSI- Will install insulated pipe 6/30/03. *complete by 04 JUL; bumped due to wall pour being moved* Boilers were scheduled for delivery on 6/13/03, have not heard from manufacturer.
 4. Superior Roofing- Needs to install one 2" flashing.
 5. West Coast Sheet Metal- Complete.

BEQ

1. JR Concrete- Poured SOG (North wing) 6/20/03. Setting wall panels (East wing), will pour on 6/27/03 or 6/28/03. Setting panels (North wing), will pour 6/28/03. East wing 2nd floor is scheduled for 6/7/03. *3*
 2. Neal- Installing conduit and light boxes in walls (East wing). Will start canning when deck is formed.
 3. DSI- No activity. Will start canning when deck is formed on East wing.
 4. Soltek Pacific- no activity
 5. PCS- wall steel and columns East wing and North wing. *3000*
 6. RJL- Will receive and set HVAC pump package. Will start canning when deck is formed.

Site

1. DSI- Water main at Norman Scott needs to be pressure tested. Working with SDG&E for location of POC on mainline in Main street and schedule to install. Started sewer and storm drain on South side of North wing. Needs to complete backfilling and relocation of spoils
 2. Neal- No activity. *and NE corner*
 3. Miranda- will start landscape repair west of Snyder Hall 6/26/03 or 6/27/03. Had a meeting with new PM on 6/20/03 and discussed scope of work.

Meeting Minutes

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Item	Meeting	Item Description	Resp	Status	Due Date	Compl'd	Cls'd
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New Business

4. Asphalt Patching- Scheduling. - Coordinate parking lot closure & Norman Scott interference

Gc	Company Name	Contact Name	Copies	Notes
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	Soltek Pacific	John Bayardo	1	
	Soltek Pacific	Ben Bump	1	
	Soltek Pacific	Keith Moss	1	
	Soltek Pacific	Paul Cates	1	
	Soltek Pacific	S. Cody	1	
	ROICC San Diego	Shannon Plummer	1	

These minutes have been transcribed by Soltek Pacific's field representative and reflect their impressions of the issues discussed in the meeting. Should there be any objections to the content of this report, or should any participants discover mistakes, discrepancies or deficiencies herein, notify the writer within 8 calendar days of the date printed on this report; otherwise the content will be considered an accurate record of the meeting.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE **06-24-03**

REPORT NO **93**

PHASE CONTRACT NO **N68711-02-D-8013** CONTRACT TITLE **P-254 Bachelor Enlisted Quarters / 32nd Street Naval Station, San Diego, CA**

PREPARATORY	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

INITIAL	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	
	1-347	Neal Electric window and door rough in walls. Removed and relocated con lights in mock up, pre plan	
	1-330	G Force inspected reinforced concrete	
	S0114	DSI excavate and install site sewer 12 line to 1 line.	
	1-330	PCS prefabricate and set walls, cleanup	
	1-330	JR Construction layout, prefab wall forms, operate tower crane, project clean up, install block outs, install inside wall panels, clear rebar	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)	
Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

07.01.03
 AUTHORIZED QC MANAGER AT SITE DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

15 JUL 03
 GOVERNMENT QUALITY ASSURANCE MANAGER DATE

CONTRACTORS PRODUCTION REPORT
(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date: 06/23/03

Contract No. N68711-02-D-8013 DO #001		Title and Location P-254 BEQ, Naval Station San Diego		Report No. 98 Amendment	
Subcontractor Soltek Pacific		Superintendents Paul Cates, Keith Moss			

AM Weather Overcast	PM Weather clear	Max Temp 75	*F	Min Temp 70	*F
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WORK PERFORMED TODAY

WORK PERFORMED TODAY	EMPLOYER	NO.	TRADE	HOURS
Supervision	SOLTEK	1	Safety Officer	8
		1	Superintendents	12
		1	CQC	10.5
Window and door rough in walls, site organization and material handling, pre-planning	NEAL ELECTRIC	1	Journeyman	8
		1	Technician	
		1	Apprentice	
	SOLTEK F.O.	3	Journeyman	
		1	Laborers	
		1	Apprentice	
	RJ BANTHIER	1	Foreman	
		1	Apprentice	
	RBF ENGINEERING	1	Party Chief	
		1	Chairman	
Reinforced concrete inspection	G-FORCE	1	Project Engineer	
		2	Technician	8
Excavate and install site sewer 12-1 line, adjust and install plumbing to final location (N. wing)	DSI PLUMBING	1	Foreman	8
test completed plumbing (N. wing)		2	Plumber	16
		1	Operator	8
		1	Apprentice	2
	SUPERIOR ROOFING	4	Roofer	
		1	Operator	
prefab West wing walls, continue to finish east wing walls	PCS	1	Foreman	10
		8	Journeyman	92
		6	Apprentice	52
walls layout, embeds, install inside wall panels, east and west, clear rebar, install blockouts (E)	JR CONSTRUCTION	1	Superintendent	8
clean jobsite, operate crane		10.5	Carpenter	104.5
		2	Laborer	16
		2	Operator	21
		9	Cement Mason	
		4	Apprentice	42
meeting, set sleeves	BRADSHAW ENGINEERING	3	Foreman	4
		1	Laborer	
	WEST COAST IRON		Journeyman	
			Apprentice	

JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of meeting minutes)	TOTAL WORK HOURS ON JOB SITE THIS DATE 430
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of environmental OSHA report)	
	WAS TRENCHING/SCAFFOLDING/ELECTRICAL/HIGH WORK DONE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach statement or checklist showing inspection performed)	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT 19881.75
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach description of incident and proposed action)	TOTAL HOURS FROM START OF CONSTRUCTION 20311.75

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

YES	SAFETY REQUIREMENTS HAVE BEEN MET
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EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB
reinforced steel, east wing walls

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY.

COMMENTS

Keith Moss
 SUPERINTENDENT

7-24-03
 DATE

ENCLOSURE (→)

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 06-23-03
REPORT NO 92

PHASE CONTRACT NO N68711-02-D-8013 CONTRACT TITLE P-254 Bachelor Enlisted Quarters / 32nd Street Naval Station, San Diego, CA

PREPARATORY	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

INITIAL	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	
	<u>1-347</u>	Neal Electric window and door rough in walls. Site organization, pre planning and material handling.	
	<u>1-330</u>	G Force inspected reinforced concrete	
	<u>S0114</u>	DSI excavate and install site sewer 12 line to 1 line. Adjust plumbing to final location, test completed plumbing.	
	<u>1-330</u>	PCS prefabricate and set walls	
	<u>1-330</u>	JR Construction layout, prefab wall forms, screeds and operate tower crane, project clean up, install blockouts	

REWORK ITEMS IDENTIFIED TODAY (NOT-CORRECTED BY-CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)	
Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

AUTHORIZED QC MANAGER AT SITE 11.06.03

GOVERNMENT QUALITY ASSURANCE REPORT DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

ENCLOSURE ()

CONTRACTORS PRODUCTION REPORT
(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date: 06/21/03

Contract No. N68711-02-D-8013 DO #001	Title and Location P-254 BEQ, Naval Station San Diego	Report No. 97
Subcontractor Soltek Pacific	Superintendents Paul Cates, Keith Moss	

AM Weather Overcast	PM Weather Light Rain	Max Temp 70	*F	Min Temp 65	*F
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WORK PERFORMED TODAY

WORK PERFORMED TODAY	EMPLOYER	NO.	TRADE	HOURS
Supervision	SOLTEK	1	Safety Officer	6
		1	Superintendents	6.5
		1	CQC	4.5
	NEAL ELECTRIC	1	Journeyman	
		1	Technician	
		1	Apprentice	
	SOLTEK F.O.	3	Journeyman	
		1	Laborers	
		1	Apprentice	
	RJ LANTHIER	1	Foreman	
		1	Apprentice	
	RBF ENGINEERING	1	Party Chief	
		1	Chairman	
	G-FORCE	1	Project Engineer	
		2	Technician	
	DSI PLUMBING	1	Foreman	
		3	Plumber	
		1	Operator	
		1	Apprentice	
	SUPERIOR ROOFING	4	Roofers	
		1	Operator	
and set East wing walls	PCS	1	Foreman	10
		8	Journeyman	71.5
		6	Apprentice	60
strip edge forms, pour SOG, site clean up, walls	JR CONSTRUCTION	1	Superintendent	
footings, operate crane		10	Carpenter	
		3	Laborers	18.5
		1	Operator	10
		19	Cement Mason	
		1	Apprentice	5.5
	BURCH	3	Drywaller	
		1	Laborer	
	WEST COAST IRON	1	Journeyman	
		1	Apprentice	

JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of meeting minutes)	TOTAL WORK HOURS ON JOB SITE THIS DATE	192.5	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of environmental OSHA report)	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	19689.25	
	WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach statement or checklist showing inspection performed)	TOTAL HOURS FROM START OF CONSTRUCTION	19881.75	
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach description of incident and proposed action)			

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	YES	SAFETY REQUIREMENTS HAVE BEEN MET
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EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY.

COMMENTS: one 40yd removed to dump by JR

Keith Moss
SUPERINTENDENT

DATE

ENCLOSURE (-0-)

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE **06-21-03**
REPORT NO **91**

PHASE CONTRACT NO **N68711-02-D-8013** CONTRACT TITLE **P-254 Bachelor Enlisted Quarters / 32nd Street Naval Station, San Diego, CA**

PREPARATORY	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

INITIAL	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	
	1-330	PCS prefabricate and set walls	
	1-330	JR Construction strip edge forms, operate tower crane, walls, footings	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)	
Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

AUTHORIZED QC MANAGER AT SITE

06.26.03

DATE

GOVERNMENT QUALITY ASSURANCE REPORT		DATE
QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT		
Schedule Activity No.	Description	

GOVERNMENT QUALITY ASSURANCE MANAGER

27 JUN 03

DATE

ENCLOSURE (-)

CONTRACTORS PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date: **06/20/03**

Contract No. N68711-02-D-8013 DO #001	Title and Location P-254 BEQ, Naval Station San Diego	Report No. 96 Amendment
Subcontractor Soltek Pacific	Superintendents Paul Cates, Keith Moss	

AM Weather Overcast	PM Weather Clear	Max Temp 70	*F	Min Temp 65	*F
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WORK PERFORMED TODAY

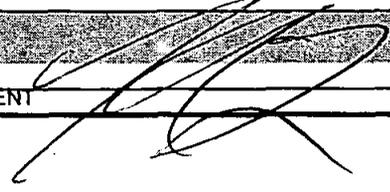
WORK PERFORMED TODAY	EMPLOYER	NO.	TRADE	HOURS
Supervision	SOLTEK	1	Safety Officer	8
		2	Superintendents	22.5
		1	CQC	7
Pre-plan, jobsite coordination upcoming schedule	NEAL ELECTRIC	1	Journeyman	8
		1	Technician	
		1	Apprentice	
General labor, irrigation repair	SOLTEK F.O.	3	Journeyman	
		1	Laborers	8
		1	Apprentice	
	RJ LANTHIER	1	Foreman	
		1	Apprentice	
	RBF ENGINEERING	1	Party Chief	
		1	Chainman	
Reinforced concrete inspection	G.FORGE	1	Project Engineer	
		2	Technician	16
Excavate and install site sewer 12-1 line, adjust and install plumbing to final location (N. wing), test completed plumbing (N. wing)	DSI PLUMBING	1	Foreman	8
		3	Plumber	22
		1	Operator	8
		1	Apprentice	8
	SUPERIOR ROOFING	4	Roofer	
		1	Operator	
East wing walls, set East wing walls, horizontals West wing walls	PCS	1	Foreman	10
		11	Journeyman	106
		6	Apprentice	60
screeads, layout prefab wall panels, pour SOG, pour columns, project clean up, operate crane, footings	JR CONSTRUCTION	1	Superintendent	8
		10	Carpenter	87.5
		5	Laborer	41
		2	Operator	18
		9	Cement Mason	81.5
		4	Apprentice	33.5
set sleeves	BRADSHAW ENGINEERING	1	Foreman	4
		1	Laborer	
	WEST COAST IRON	1	Journeyman	
		1	Apprentice	

JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of meeting minutes)	TOTAL WORK HOURS ON JOB SITE THIS DATE	565
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES, attach copy of environmental OSHA report)	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	19128.25
	WAS TRENCHING/SCAFFOLD/IV ELECTRICAL/HIGH WORK DONE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach statement or checklist showing inspection performed)	TOTAL HOURS FROM START OF CONSTRUCTION	19693.25
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES, attach description of incident and proposed action)	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB 218.5cy mix #304090, sand and rock	YES	SAFETY REQUIREMENTS HAVE BEEN MET
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CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY.

COMMENTS

Keith Moss
 SUPERINTENDENT  DATE **7-24-03**

ENCLOSURE (-)

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 06-20-03

REPORT NO 90

PHASE CONTRACT NO N68711-02-D-8013 CONTRACT TITLE P-254 Bachelor Enlisted Quarters / 32nd Street Naval Station, San Diego, CA

PREPARATORY	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.	
	Schedule Activity No.	Definable Feature of Work
		Index #

INITIAL	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.	
	Schedule Activity No.	Definable Feature of Work
		Index #

FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
	1-347	Neal Electric pre plan, jobsite coordination schedule
	S0111	Soltek Pacific general labor, landscape repair
	1-330	G Force inspected reinforced concrete
	S0114	DSI excavate and install site sewer 12 line to 1 line. Adjust plumbing to final location, test completed plumbing.
	1-330	PCS prefabricate and set walls, wall horizontals
	1-330	JR Construction layout, prefab wall forms, screeds and operate tower crane, pour columns, project clean up
	1-105	Bradshaw Engineering set sleeves

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)	
Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

AUTHORIZED QC MANAGER AT SITE 11.06.03

GOVERNMENT QUALITY ASSURANCE REPORT DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

ENCLOSURE (4)

CONTRACTORS PRODUCTION REPORT
(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date: 06/19/03

Contract No. N68711-02-D-8013 DO #001	Title and Location P-254 BEQ, Naval Station San Diego	Report No. 95 Amendment
Subcontractor Soltek Pacific	Superintendents Paul Cates, Keith Moss	

AM Weather Overcast	PM Weather Clear	Max Temp 70	*F	Min Temp 65	*F
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WORK PERFORMED TODAY

WORK PERFORMED TODAY	EMPLOYER	NO.	TRADE	HOURS
Supervision	SOLTEK	1	Safety Officer	8
		2	Superintendents	23
		1	CQC	9.5
Wall rough for ECS, pre-plan, schedule, jobsite clean up	NEAL ELECTRIC	1	Journeyman	8
		1	Technician	
		1	Apprentice	
General labor, landscape repair, concrete removal and demo.	SOLTEK F.O.	3	Journeyman	
		1	Laborers	8
		1	Apprentice	
Weekly foreman's meeting, mock up, checked louver openings, made list of shaft amount/ sizes	RJ LANTIER	1	Foreman	10
		1	Apprentice	
	RBF ENGINEERING	1	Party Chief	
		1	Chairman	
Reinforced concrete inspection	G-FORCE	1	Project Engineer	
		1	Technician	8
Excavate and install site sewer 12-1 line, adjust and install plumbing to final location (N. wing), test completed plumbing (N. wing)	DSI PLUMBING	1	Foreman	8
		4	Plumber	32
		1	Operator	8
		1	Apprentice	8
	SUPERIOR ROOFING	4	Roofer	
		1	Operator	
Prerab East wing walls, set East wing walls, completed West wing SOG	PCS	1	Foreman	10
		12	Journeyman	112
		6	Apprentice	59
screeds, layout, prefab wall panels, edge forms, fine grade, pour columns, clean panels, operate crane, safety	JR CONSTRUCTION	1	Superintendent	8
		10	Carpenter	93
		4	Laborer	35.5
		2	Operator	19
		4	Apprentice	37.5
meeting	BRADSHAW ENGINEERING	1	Foreman	4
		1	Laborer	
Installed reglet and counter flashing	WESTERN BAY SHEET METAL	1	Journeyman	4.5
		1	Apprentice	4.5

JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of meeting minutes)	TOTAL WORK HOURS ON JOB SITE THIS DATE	517.5	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of environmental OSHA report)	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	18614.75	
	WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach statement or checklist showing inspection performed)	TOTAL HOURS FROM START OF CONSTRUCTION	19132.25	
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach description of incident and proposed action)			

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	YES	SAFETY REQUIREMENTS HAVE BEEN MET
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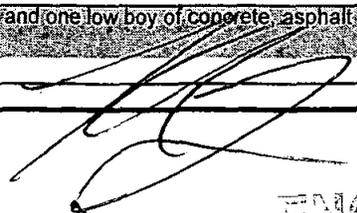
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB
floor sinks and tub boxes, gases

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY.

COMMENTS: Dumped and returned one 40yd. box of construction debris and one low boy of concrete, asphalt and rebar.

Keith Moss
SUPERINTENDENT

DATE



ENCLOSURE (1)

PREPARATORY PHASE CHECKLIST

(CONTINUED ON SECOND PAGE)

SPEC ON
03300

DATE
06-19-03

CONTRACT NO
N68711-02-D-8013

DEFINABLE FEATURE OF WORK
Reinforcing steel

SCHEDULE ACT NO.
310

INDEX #
Enter Index# Here

PERSONNEL PRESENT	GOVERNMENT REP NOTIFIED NAME: _____ POSITION: _____ COMPANY/GOVERNMENT: _____ #HRS HOURS IN ADVANCE: _____ YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
	Rori Dorr Foreman Pacific Coast Steel John Bayardo QC Manager Softek Pacific
SUBMITTALS	REVIEW SUBMITTALS AND/OR SUBMITTAL REGISTER. HAVE ALL SUBMITTALS BEEN APPROVED? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> IF NO, WHAT ITEMS HAVE NOT BEEN SUBMITTED? <u>The balance of the reinforcing steel from floors 2 through 12. Currently in design.</u>
	ARE ALL MATERIALS ON HAND? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> IF NO, WHAT ITEMS ARE MISSING? <u>The balance of the reinforcing steel which is still in design.</u>
	CHECK APPROVED SUBMITTALS AGAINST DELIVERED MATERIAL. (THIS SHOULD BE DONE AS MATERIAL ARRIVES) COMMENTS: <u>All material delivered to date comply with specifications and general requirements</u>
MATERIAL STORAGE	ARE MATERIALS STORED PROPERLY? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF NO, WHAT ACTION IS TAKEN? _____
SPECIFICATIONS	REVIEW EACH PARAGRAPH OF SPECIFICATIONS. _____
	DISCUSS PROCEDURE FOR ACCOMPLISHING THE WORK. <u>Based on the design and access the subcontractor will proceed with the work. A concern has been raised on access. The superintendents will address.</u>
	CLARIFY ANY DIFFERENCES. _____
PRELIMINARY WORK & PERMITS	ENSURE PRELIMINARY WORK IS CORRECT AND PERMITS ARE ON FILE. IF NOT, WHAT ACTION IS TAKEN? _____

ENCLOSURE

PREPARATORY PHASE CHECKLIST

(CONTINUED FROM FIRST PAGE)

SPEC SECTION
03300

DATE
06-19-03

CONTRACT NO
N68711-02-D-8013

DEFINABLE FEATURE OF WORK
Reinforcing Steel

SCHEDULE ACT NO.
310

INDEX #

TESTING

IDENTIFY TEST TO BE PERFORMED, FREQUENCY, AND BY WHOM. None

WHEN REQUIRED? _____

WHERE REQUIRED? _____

REVIEW TESTING PLAN. _____

HAS TEST FACILITIES BEEN APPROVED? _____

SAFETY

ACTIVITY HAZARD ANALYSIS APPROVED? YES NO

REVIEW APPLICABLE PORTION OF EM 385-1-1. Safety manager has held his safety meeting.

MEETING COMMENTS

NAVY/ROICC COMMENTS DURING MEETING.

OTHER ITEMS OR REMARKS

OTHER ITEMS OR REMARKS:


QC MANAGER

06-19-03
DATE

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 06-19-03

REPORT NO 89

PHASE CONTRACT NO N68711-02-D-8013 CONTRACT TITLE P-254 Bachelor Enlisted Quarters / 32nd Street Naval Station, San Diego, CA

PREPARATORY	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.	
	Schedule Activity No.	Definable Feature of Work

INITIAL	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.	
	Schedule Activity No.	Definable Feature of Work

FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
	1-347	Neal Electric rough for ECS, pre plan, schedule, jobsite cleanup
	S0111	Soltek Pacific general labor, landscape repair, concrete demo and removal
	1-330	G Force inspected reinforced concrete
	S0114	DSI excavate and install site sewer 12 line to 1 line. Adjust plumbing to final location, test completed plumbing.
	1-330	PCS prefabricate and set walls, wall horizontals, and SOG
	1-330	JR Construction layout, prefab wall forms, screeds and operate tower crane, pour columns, fine grade, sand under slab, clean panels, safety
	RF-130	Western Bay Sheet Metal install reglet and counterflashing

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"). Manuf. Rep On-Site, etc.	
Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

11.06.03
 AUTHORIZED QC MANAGER AT SITE DATE

GOVERNMENT QUALITY ASSURANCE REPORT DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER DATE

ENCLOSURE ()

CONTRACTORS PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date: 06/18/03

Contract No. N68711-02-D-8013 DO #001		Title and Location P-254 BEQ, Naval Station San Diego	Report No. 94
Subcontractor Soltek Pacific		Superintendents Paul Cates, Keith Moss	

AM Weather Overcast	PM Weather Clear	Max Temp 70	*F	Min Temp 65	*F
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WORK PERFORMED TODAY

WORK PERFORMED TODAY	EMPLOYER	NO.	TRADE	HOURS
Supervision	SOLTEK	1	Safety Officer	8
		2	Superintendents	23.5
		1	CQC	9
Moved exterior light J-boxes, rough stairwell lighting material handling	NEAL ELECTRIC	1	Journeyman	8
		1	Technician	
		1	Apprentice	
General labor, landscape repair, concrete demo	SOLTEK F.O.	3	Journeyman	
		1	Laborers	8
		1	Apprentice	
	RJ LANTHIER	1	Foreman	
		1	Apprentice	
	RBF ENGINEERING	1	Party Chief	
		1	Chainman	
Reinforced concrete inspection	G-FORCE	1	Project Engineer	
		2	Technician	9.5
Excavate and install site sewer 12-1 line, adjust and install plumbing to final location (N. wing), test completed plumbing (N. wing)	DSI PLUMBING	1	Foreman	8
		4	Plumber	32
		1	Operator	8
		1	Apprentice	8
	SUPERIOR ROOFING	4	Roofer	
		1	Operator	
Prefab East wing walls, setting East wing wall West wing SOG, West wing wall horizontals	PCS	1	Foreman	11
		11	Journeyman	100
		6	Apprentice	52
screeds, layout, prefab wall panels, edge forms, fine grade, pour columns, clean panels, operate crane, sand, under slab	JR CONSTRUCTION	1	Superintendent	8
		10	Carpenter	96.5
		4	Laborer	38
		2	Operator	20
		4	Apprentice	48.5
	BURCH	3	Drywall	
		1	Laborer	
	WEST COAST IRON	1	Ironworker	
		1	Helper	

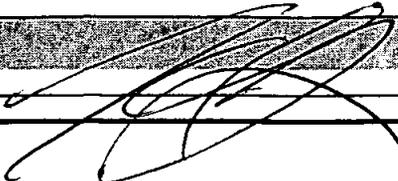
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of meeting minutes)	TOTAL WORK HOURS ON JOB SITE THIS DATE	496
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of environmental OSHA report)	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	18118.75
	WAS TRENCING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach statement or checklist showing inspection performed)	TOTAL HOURS FROM START OF CONSTRUCTION	18614.75
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach description of incident and proposed action)		

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	YES	SAFETY REQUIREMENTS HAVE BEEN MET
--	-----	-----------------------------------

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB
 5cy mix #305002, columns on I-18, I-17, J-18, J-17, CC-100 line

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY.

COMMENTS:

Keith Moss
 SUPERINTENDENT  DATE

ENCLOSURE (1)

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 06-18-03

REPORT NO 88

PHASE CONTRACT NO N68711-02-D-8013 CONTRACT TITLE P-254 Bachelor Enlisted Quarters / 32nd Street Naval Station, San Diego, CA

PREPARATORY	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

INITIAL	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	
	1-347	Neal Electric moved exterior light J boxes, rough stairwell lighting, material handling	
	S0111	Soitek Pacific general labor, landscape repair, dust control	
	1-330	G Force inspected reinforced concrete	
	S0114	DSI excavate and install site sewer 12 line to 1 line. Adjust plumbing to final location, test completed plumbing.	
	1-330	PCS prefabricate walls and set 6 columns, wall horizontals, and SOG	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)	
Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

06.26.03
 AUTHORIZED QC MANAGER AT SITE DATE

GOVERNMENT QUALITY ASSURANCE REPORT DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

22 UNOS
 GOVERNMENT QUALITY ASSURANCE MANAGER DATE

ENCLOSURE

CONTRACTORS PRODUCTION REPORT
(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date: 06/17/03

Contract No. N68711-02-D-8013 DO #001		Title and Location P-254 BEQ, Naval Station San Diego		Report No. 93	
Subcontractor Soltek Pacific		Superintendents Paul Cates, Keith Moss			
AM Weather Overcast	PM Weather Clear	Max Temp 70	*F	Min Temp 65	*F

WORK PERFORMED TODAY

WORK PERFORMED TODAY	EMPLOYER	NO.	TRADE	HOURS
Supervision	SOLTEK	1	Safety Officer	8
		2	Superintendents	23.5
		1	CQC	10.5
Job pre-plan	NEAL ELECTRIC	1	Journeyman	8
		1	Technician	
		1	Apprentice	
General labor, removal of dirt underneath water pipe, dust control	SOLTEK F.O.	3	Journeyman	
		1	Laborers	8
		1	Apprentice	
	RJ/LANTHIER	1	Foreman	
		1	Apprentice	
	RBF ENGINEERING	1	Party Chief	
		1	Chainman	
Reinforced concrete inspection	G-FORCE	1	Project Engineer	
		2	Technician	9
Excavate and install site sewer 12-1 line. Adjust and install plumbing to final location North wing	DSI PLUMBING	1	Foreman	12
		4	Plumber	48
		1	Operator	8
		2	Apprentice	
	SUPERIOR ROOFING	4	Roofer	
		1	Operator	
Started to set East wing wall, prefab East wing wall, set 6 columns on East wing, wall horizontals on East wing.	PCS	1	Foreman	10
		10	Journeyman	93
		3	Apprentice	30
screeds, layout, prefab wall panels, edge forms	JR CONSTRUCTION	1	Superintendent	8
fine grade, pour columns, clean panels, operate crane, blockouts, sand under slab		10	Carpenter	105
		4	Laborer	43.5
		2	Operator	20.5
		4	Apprentice	37.5
	BURCH	3	Drywaller	
		1	Laborer	
	WEST COAST IRON	1	Ironworker	
		1	Helper	

JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of meeting minutes)	TOTAL WORK HOURS ON JOB SITE THIS DATE	482.5
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES, attach copy of environmental OSHA report)	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	17637.25
	WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach statement or checklist showing inspection performed)	TOTAL HOURS FROM START OF CONSTRUCTION	18119.75
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES, attach description of incident and proposed action)	YES <input type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET <input type="checkbox"/>	

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB
 5cy mix #305002, columns on N-18, Q-18, N-17, Q-17, 103-CC line, SOG Westwing, PVC fittings, reinforced steel

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY.

COMMENTS

Keith Moss
SUPERINTENDENT

DATE

ENCLOSURE (L)

Meeting Minutes

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Job 472-B.E.Q.s Naval Station S.D., CA (P-254)

Project # N68711-02-D-8013, T.O.

#0001

Tel: (619) 296-6247 Fax: (619) 296-0730

QC Meeting Meeting 10

Date	Start	End	Next Meeting	Next Time	Prepared By	Company
6/17/2003	09:00 AM	09:30 AM	6/24/2003	09:00 AM	John Bayardo	Soltek Pacific

Purpose	Location	Next Location	General Notes
Weekly QC Meeting	Soltek Trailer	Soltek Trailer	

Attended By	Non-Attendees
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Soltek Pacific - John Bayardo
 Soltek Pacific - Ben Bump
 Soltek Pacific - Keith Moss
 Soltek Pacific - Paul Cates
 Soltek Pacific - S. Cody
 ROICC San Diego - Shannon Plummer

Item	Meeting Item Description	Resp	Status	Due Date	Compl'd	Cls'd
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Old Business

Plumbing

009-001	The second potable water test results are back. The solid particles and the drinking fountain liquid passed. The west fire hydrant failed once again. This now showing that the water within the 6" cast iron main was the probable source of contamination. Test results will be delivered to the Government within a business day. The scheduling of rechlorinating, repurging and retesting the entire 10" main will be done this week. The gas line west of the mechanical building still needs to be compacted and tested. First floor sewer sleeves remain a focus prior to all concrete pours. The second "wet" sewer piping test is ongoing.	DSI				No
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Concrete Piles

009-002	The installation of all concrete pile dowels is complete and approved					No
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Concrete Foundation

009-003	Concrete mix design 315092 was approved by Hamid Liaghat with only 275 pounds of water. That is a reduction of approximately 33 pounds. JR Construction does not accept this due to the amount of steel involved which will cause the concrete not to flow properly. JR Construction will resubmit a new mix design. Early breaks on concrete samples of the foundation are resulting in 100% of mix design (4000 psi) within 7 days. All concrete pours are inspected continuously with temperature monitoring beyond 90 minutes of being batched.					No
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ENCLOSURE ()

Item	Meeting	Item Description	Resp	Status	Due Date	Compl'd	Cls'd
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Old Business

Reinforced Steel

009-004		Rebar inspection is ongoing. A mat detail has been approved by Hamid Liaghat for the 3 piles that are low. An epoxy / rebar detail is forthcoming from FLC. This is due to the fact that rebar within the elevator pit walls was bent excessively. Hamid Liaghat has also field approved the rebar configuration for the concrete pile that was a meter low. This was due to the fact that the original detail was not built in the field. Lastly Hamid has approved additional rebar within the grade beam to offset the increased dimension between center to center of concrete piles.					No
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Safety Record

009-005		1.) Report all injuries, accidents and hazardous conditions to Cody @ (619) 855-0128 immediately. 2.) No injuries or accidents reported last week.	All Subs				No
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Item	Meeting	Item Description	Resp	Status	Due Date	Compl'd	Cls'd
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New Business

Plumbing

010-001		The potable water test results have been given to the Government. The following strategy has been recommended. DSI Plumbing has been asked to close the north water supply valve and open the south valve. This will allow the water within the pipe system south of the valve to cycle through the system. Within several business days DSI will rechlorinate, repurge and retest the entire 10" loop system onsite. The gas line west of the mechanical building still needs to be compacted and tested. The second "wet" sewer pipe tests are on going. The welding of preinsulated water piping is being monitored.					No
---------	--	---	--	--	--	--	----

Concrete Foundation and Slab

010-002		Concrete mix deign #315092 is not useable as approved due to the reduction in water per Hamid Liaghat. With the amount of reinforcing steel throughout the structure JR feels they will not be able to achieve proper flow of the material. A meeting will be scheduled this week between JR Construction, Vulcan Aggregates, Hamid Liaghat and Soltek Pacific. All concrete pours are inspected continuously with temperature monitoring beyond 90 minutes of being batched. The RFP calls out in section B1000 to refer to the A - E Guide dated January of 2000 regarding additional structural design criteria. Within section 6.8.8.1 (b) it states that concrete slabs on ground shall have construction, control or expansion joints at maximum spacing of 25 feet in each direction. Any approval for deviations must be obtained from code 04CN.EH at Southwest Division. Hamid Liaghat is being asked for his interpretation on the matter.					No
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Reinforced Steel

010-003		An epoxy / rebar detail has been issued by Hamid Liaghat and implemented by JR Construction and PCS for the walls of the elevator pit areas. Continuous inspections are ongoing for all rebar work.					No
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Meeting Minutes
 Detailed, Grouped by Each Meeting and by 'Old Business'
 and 'New Business'

Item	Meeting	Item Description	Resp.	Status	Due Date	Compl'd	Cls'd
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New Business

Electrical

010-004		Continuous inspections are ongoing for all electrical work.					No
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Safety Issues

010-005		1.) Fall protection is becoming critical. As we go up, make sure that workers are tied off at all heights 6' or >. No exceptions! 2.) Chose the proper length ladder for the job. Several people were using the inappropriate ladders. 3.) Waste, scrap and materials need to be cleaned up. There is a severe slip, trip and fall hazard with poor housekeeping. 4.) Cranes working overhead- be aware of when a load may be overhead. 5.) Teamwork is important with safety. Work together to provide a safe work place for your employees and other subs. 6.) Open trenches need to be backfilled, covered or caution taped off everyday. 7.) Consider my inspections as a friendly OSHA inspection. I only point out discrepancies that will result in an OSHA fine or violation.					No
---------	--	---	--	--	--	--	----

Cc:	Company Name	Contact Name	Copies	Notes
	Soltek Pacific	John Bayardo	1	
	Soltek Pacific	Ben Bump	1	
	Soltek Pacific	Keith Moss	1	
	Soltek Pacific	Paul Cates	1	
	Soltek Pacific	S. Cody	1	
	ROICC San Diego	Shannon Plummer	1	

These minutes have been transcribed by Soltek Pacific's field representative and reflect their impressions of the issues discussed in the meeting. Should there be any objections to the content of this report, or should any participants discover mistakes, discrepancies or deficiencies herein, notify the writer within 8 calender days of the date printed on this report; otherwise the content will be considered an accurate record of the meeting.

ENCLOSURE ()

MULTI-EMPLOYER WORK SITES

- A.) An **exposing employer** is an employer whose employees were exposed to the violative condition at the work site regardless of whether that employer created the violative condition. Example: Rod buster(s) fall into hole that someone else dug.
- B.) A **creating employer** is an employer who actually created the violative condition. Example: Plumber digs a hole and leaves it.
- C.) A **controlling employer** is an employer who is responsible, by contract or through actual practice, for safety and health conditions at the work site and who has the authority to correct the violation. Example: General Contractor ignores safety violations.
- D.) A **correcting employer** is an employer who has the responsibility to correct the violative condition. Example: All subcontractors or the General Contractor.

ENCLOSURE (L)

Production Report

P-254 Design Build Hi-Rise BEQ

N68711-02-D-8013 DO #001

Mechanical Building

1. Neal Electric - Panels & gear in electrical room.
2. Soltek Pacific - no activity.
3. DSI - Will install insulated pipe 6/27/03. Boilers were scheduled for delivery on 6/13/03, have not heard from manufacture.
4. Superior Roofing - Roofing complete except for the installation of one 2" flashing.
5. West Coast Sheet metal - Ready for installation of wall flashing. Will install 6-18-03.

BEQ

1. JR Concrete - Poured grade beams and pile caps @ north wing on 6/11/03. SOG @ east wing was poured on 6/13/03; SOG north wing will be poured 6/20/03. Poured 6 interior columns on 6/16/03, will pour 6 columns on 6/17/03 and 6/18/03. Placing sand and visqueen for SOG @ north wing. Setting wall panels east wing, will pour on 6/26/03.
2. Neal - Installing conduit and light boxes in walls east wing.
3. DSI - Completing U/G @ north wing.
4. Soltek Pacific - no activity
5. PCS - wall steel and columns east wing. SOG steel and wall steel north wing.

Site

- Hamid to inspect
- probably after JR is complete
1. DSI - Water main at Norman Scott - need to pressure test, Working with SDG&E for location of POC on mainline in Main street and schedule to install. Started sewer and storm drain on south side of north wing. Need to complete backfilling and relocation of spoils
 2. Neal - No activity.
 3. Miranda - will start landscape repair west of Snyder Hall this week. Miranda had a change in Project Managers that delayed start. Meeting with new PM today.
 4. Asphalt Patching - still in negotiations.

Neal Electric work complete by 18 APR 03

MOCKUP - READY FOR FINAL REVIEW STARTLY

- SUBS REQUESTED INTERIOR MOCKUP → SEPTEMBER TIMEFRAME

* MATERIAL DELIVERY WILL BEGIN SOON

ENCLOSURE ()

ACTIVITY ID	ACTIVITY DESCRIPTION	RE DUR	EARLY START	EARLY FINISH
S0114	Install Site Sewer	0	21APR03A	13JUN03
S0112	Install Storm Drain System	2	28APR03A	17JUN03
SE113	Install Gas Line	1	15MAY03A	16JUN03
1-346	Plumbing U/G @ No	1	16MAY03A	16JUN03
1-310	Rebar Walls & Cols 1-E & Core	2	23MAY03A	20JUN03
1-300	One Side Wall Forms 1-E & Core	2	14JUN03A	18JUN03
1-348	Sand & Visqueen SOG @ No	1	16JUN03A	17JUN03
S0111	Install U/G Hydronic Piping	1	16JUN03	16JUN03
1-305	Screeds & Templates @ No	1	18JUN03	18JUN03
1-349	Rebar SOG @ North	2	18JUN03	19JUN03
1-307	Pour SOG @ No	1	18JUN03	18JUN03
1-350	One Side Wall Forms 1-No	4	20JUN03	25JUN03
1-320	Button Up Walls & Columns 1-E	3	23JUN03	25JUN03
1-330	Pour Walls & Columns 1-E & Cor	1	26JUN03	26JUN03
1-360	Rebar Walls & Cols 1-North	4	26JUN03	1JUL03
1-340	Strip Walls & Cols 1-E & Core	1	27JUN03	27JUN03
2-300	Shoring, Plywood & Edge Forms 2	2	27JUN03	30JUN03
2-303	M&P Blockouts, Sleeves & Inset	1	1JUL03	1JUL03
2-304	Electrical Conduit & Boxes 2-E	1	1JUL03	1JUL03
2-310	Rebar 2-E & Core Suspended Sla	2	2JUL03	3JUL03
1-370	Button Up Walls & Columns 1-No	3	2JUL03	7JUL03
2-320	Screeds & Templates 2-E & Core	1	3JUL03	3JUL03
2-330	Pour 2-E & Core Susp Slab	1	7JUL03	7JUL03
2-305	One Side Wall Forms 2-E & Core	3	8JUL03	10JUL03
1-380	Pour Walls & Columns 1-No	1	8JUL03	8JUL03
2-340	Cure 2-E & Core Susp Slab	5	8JUL03	14JUL03
1-390	Strip Walls & Cols 1-No	1	9JUL03	9JUL03
2-360	Shoring, Plywood & Edge Forms	2	10JUL03	11JUL03

2003
 JUN 9 16 23 30
 JUL 7

S0114 Install Site Sewer
 S0112 Install Storm Drain System
 SE113 Install Gas Line
 1-346 Plumbing U/G @ No
 1-310 Rebar Walls & Cols
 1-300 One Side Wall Forms
 1-348 Sand & Visqueen SOG @
 S0111 Install U/G Hydronic P
 1-305 Screeds & Templates @
 1-349 Rebar SOG @ North
 1-307 Pour SOG @ No
 1-350 One Side Wal
 1-320
 1-330
 1-360 Rebar Walls &
 1-340 Strip Walls &
 2-300
 2-303
 2-304
 2-310 Rebar 2-E & Core Sus
 1-370 Button Up Walls & Col
 2-320 Screeds & Templates 2
 2-330 Pour 2-E & Core Susp Slab
 2-305 One Side Wall Forms 2-E & C
 1-380 Pour Walls & Columns 1-No
 2-340 Cure 2-E & Core Susp Slab
 1-390 Strip Walls & Cols 1-No
 2-360 Shoring, Plywood & Edge Forms

Activity Bar/Early Dates
 Progress Bar Activity
 Mileston/Flag Activity

Plot Date 17JUN03
 Data Date 16JUN03
 Project Start 29JUL02
 Project Finish 27SEP04

(c) Primavera Systems, Inc.

Sheet 1 of 1

June 17, 2003 Three Week Look Ahead

Date	Revision	Checked	Approved

ENCLOSURE (1)

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE **06-17-03**
REPORT NO **87**

PHASE CONTRACT NO **N68711-02-D-8013** CONTRACT TITLE **P-254 Bachelor Enlisted Quarters / 32nd Street Naval Station, San Diego, CA**

PREPARATORY	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

INITIAL	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	
	1-347	Neal Electric job pre plan	
	S0111	Sotek Pacific general labor, dug dirt out from under water pipe, dust control	
	1-330	G Force inspected reinforced concrete	
	S0114	DSI excavate and install site sewer 12 line to 1 line. Adjust plumbing to final location.	
	1-330	PCS prefabricate walls and set 6 columns, wall horizontals	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)	
Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

J. B. [Signature] 06.26.03
AUTHORIZED QC MANAGER AT SITE DATE

GOVERNMENT QUALITY ASSURANCE REPORT		DATE
QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT		
Schedule Activity No.	Description	

[Signature] 27 JUN 03
GOVERNMENT QUALITY ASSURANCE MANAGER DATE

ENCLOSURE

CONTRACTORS PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date: 06/16/03

Contract No. N68711-02-D-8013 DO #001		Title and Location P-254 BEQ, Naval Station San Diego		Report No. 92	
Subcontractor Soltek Pacific		Superintendents Paul Cates, Keith Moss			
AM Weather Overcast	PM Weather Clear	Max Temp 70	*F	Min Temp 65	*F

WORK PERFORMED TODAY

WORK PERFORMED TODAY	EMPLOYER	NO.	TRADE	HOURS
Supervision	SOLTEK	1	Safety Officer	8
		1	Superintendents	12
		1	CQC	9.5
Rough in exterior lights, slab on grade North wing	NEAL ELECTRIC	2	Journeyman	16
		1	Technician	
General Labor. Finished digging holes in the Mech. Rm., exposed irrigation piping.	SOLTEK F.O.	3	Journeyman	
		1	Laborers	8
		1	Apprentice	
Checking the layout of louvers, make hardware list (hanging, FC & fans), marked laydown area	RJ LANTHIER	1	Foreman	10
Re-staked storm drain on East and West side	RBF ENGINEERING	1	Party Chief	4
Re-staked sewer on West side		1	Chainman	4
Reinforced concrete inspection	G-FORCE	1	Project Engineer	
		2	Technician	7.5
Excavate and install site sewer 12-1 line. Adjust and install plumbing to final location North wing	DSI PLUMBING	1	Foreman	8
		4	Plumber	32
		1	Operator	8
		2	Apprentice	
	SUPERIOR ROOFING	4	Roofer	
		1	Operator	
Prefab last walls possible. Set 6 columns East wing.	PCS	1	Foreman	8
		8	Journeyman	66
		3	Apprentice	34
screeds layout, prefab wall panels, edge forms	JR CONSTRUCTION	1	Superintendent	8
fine grade, pour columns, clean panels, operate crane		10	Carpenter	103.5
		5	Laborer	45
		1	Operator	8.5
		3	Apprentice	31
	BURCH	3	Drywaller	
		1	Laborer	
	WEST COAST IRON	1	Ironworker	
		1	Helper	

JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of meeting minutes)	TOTAL WORK HOURS ON JOB SITE THIS DATE	431
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES, attach copy of environmental OSHA report)	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	17206.25
	WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach statement or checklist showing inspection performed)	TOTAL HOURS FROM START OF CONSTRUCTION	17637.25
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES, attach description of incident and proposed action)		

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	YES	SAFETY REQUIREMENTS HAVE BEEN MET
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB		
reinforced steel, PVC underground fittings, 5cy mix #305002, columns on 17-V, U-18, U-17, S-18, S-17, 105-CC line		
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY.		

COMMENTS ***Adjusted hours reflect latest amendments.

Keith Moss
SUPERINTENDENT

DATE

ENCLOSURE ()

CONTRACTORS PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date: **06/14/03**

Contract No.

11-02-D-8013 DO #001

Title and Location

P-254 BEQ, Naval Station San Diego

Report No. **91 Amendment**

Subcontractor

Soltek Pacific

Superintendents

Paul Cates, Keith Moss

AM Weather

PM Weather

Max Temp

*F

Min Temp

*F

Overcast

Overcast

70

65

WORK PERFORMED TODAY

WORK PERFORMED TODAY	EMPLOYER	NO.	TRADE	HOURS
Supervision	SOLTEK	1	Safety Officer	
"	"	2	Superintendents	9
		1	CQC	
	NEAL ELECTRIC	1	Journeyman Wireman	
		1	Apprentice	
		1	Utility Tech	
	SOLTEK F.O.	3	Journeyman	
		1	mason	
		1	labors	
		1	Carpenter App.	
	RJ LANTHIER	1	foreman	
		1	apprentice	
	RBF ENGINEERING	2	surveyors	
		1	chainman	
	G.FORCE	2	TECH	
		1	Project Eng/VP	
	DSI PLUMBING	1	Foreman	
		3	Plumber	
		1	Operator	
		2	Plumbing Apprentice	
	SUPERIOR ROOFING	4	Roofer	
		1	Operator	
East wing walls.	PCS	4	Journeyman	30
		1	Foreman	8
		2	apprentice	16
screeds, layout, prefab wall panels, pours, o.g. strip, footings, strip, edge form, operate crane	JR CONSTRUCTION	1	Superintendent	
		8	Journeyman Carpenter	6
		5	labor	32.5
		1	operator	8
		2	Carpenter/apprentice	16
	BURCH	3	Drywaller	
	West Coast Iron Inc	1	Ironworker	
		1	helper	
	Global Erection	1	Ironworker	
		1	helper	
	BRADSHAW	1	FIRESPRINKLER	

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? YES NO
(If YES, attach copy of meeting minutes)

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES NO
If YES, attach copy of environmental OSHA report)

WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? YES NO
(If YES, attach statement or checklist showing inspection performed)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? YES NO
If YES, attach description of incident and proposed action)

TOTAL WORK HOURS ON JOB SITE THIS DATE	180.5
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	17001.75
TOTAL HOURS FROM START OF CONSTRUCTION	17182.25

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

	YES	SAFETY REQUIREMENTS HAVE BEEN MET
--	-----	-----------------------------------

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY.

COMMENTS:

7-24-03
 Keith Moss
 SUPERINTENDENT

ENCLOSURE (P-1)

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 06-14-03

REPORT NO 85

PHASE CONTRACT NO N68711-02-D-8013 CONTRACT TITLE P-254 Bachelor Enlisted Quarters / 32nd Street Naval Station, San Diego, CA

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PERFORMED TODAY? YES NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES NO

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES NO

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
F1225	PCS prefabricate east wing walls
1-310	JR Construction layout, prefab wall forms, screeds and operate tower crane, pour slab on grade, strip footings

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.


 AUTHORIZED QC MANAGER AT SITE 06.24.03
 DATE

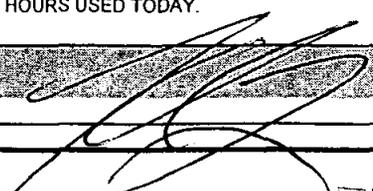
GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description


 GOVERNMENT QUALITY ASSURANCE MANAGER 26 JUN 03
 DATE

CONTRACTORS PRODUCTION REPORT <small>(ATTACH ADDITIONAL SHEETS IF NECESSARY)</small>				Date: 06/13/03		
Contract No. 711-02-D-8013 DO #001		Title and Location P-254 BEQ, Naval Station San Diego		Report No. 90 Amendment		
Subcontractor Soltek Pacific		Superintendents Paul Cates, Keith Moss				
AM Weather Overcast	PM Weather Overcast	Max Temp 70	*F	Min Temp 65	*F	
WORK PERFORMED TODAY						
WORK PERFORMED TODAY	EMPLOYER	NO.	TRADE	HOURS		
Supervision	SOLTEK	1	Safety Officer	8		
"	"	2	Superintendents	23		
"	"	1	CQC	12		
first floor east pour watch, pre-plan with AT&T and American Surveillance	NEAL ELECTRIC	1	Journeyman Wireman	8		
"	"	1	Apprentice			
"	"	1	Utility Tech			
General labor, dug dirt out of Mech Rm	SOLTEK F.O.	3	Journeyman			
"	"	1	mason			
"	"	1	labors	8.5		
"	"	1	Carpenter-App.			
"	RJ LANTHIER	1	foreman			
"	"	1	apprentice			
"	RBF ENGINEERING	2	surveyors			
"	"	1	chainman			
Reinforced concrete inspection	G-FORGE	2	TECH	12		
"	"	1	Project Eng/VP			
Excavate and install site sewer 12-1 line. Adjust plumbing to final location. Watch first floor pour	DSI PLUMBING	1	Foreman	8		
"	"	3	Plumber	24		
"	"	1	Operator	8		
"	"	2	Plumbing Apprentice	16		
"	SUPIERIOR ROOFING	4	Roofer			
"	"	1	Operator			
Started to prefab wall (Eastwing), setting ties (wing)	PCS	7	Journeyman	51.5		
"	"	1	Foreman	8		
"	"	5	apprentice	40		
screeds, layout, prefab wall panels, pour slab on grade, strip, footings, operate crane	JR CONSTRUCTION	1	Superintendent	8		
"	"	8	Journeyman Carpenter	26.5		
"	"	4	labor	40.5		
"	"	2	operator	16.5		
"	"	10	Cement Mason	93.5		
"	"	2	Carpenter apprentice	19		
"	BURCH	3	Drywall			
"	West Coast Iron Inc	1	Ironworker			
"	"	1	helper			
"	Global Erection	1	Ironworker			
"	"	1	helper			
"	BRADSHAW	1	FIRESPRINKLER			
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <small>(If YES, attach copy of meeting minutes)</small>		TOTAL WORK HOURS ON JOB SITE THIS DATE		481	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <small>(If YES, attach copy of environmental OSHA report)</small>		CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT		16524.25	
	WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <small>(If YES, attach statement or checklist showing inspection performed)</small>		TOTAL HOURS FROM START OF CONSTRUCTION			17005.25
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <small>(If YES, attach description of incident and proposed action)</small>					
LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED			YES	SAFETY REQUIREMENTS HAVE BEEN MET		
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB 8042 sky trak, 36 meter pump, zone's and walls (EW), fittings, 313.5cy mix design 304090-4000psi						
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY.						
COMMENTS  Keith Moss SUPERINTENDENT						
DATE 7-24-03						

ENCLOSURE ()

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 06-13-03

REPORT NO 84

PHASE CONTRACT NO N68711-02-D-8013 CONTRACT TITLE P-254 Bachelor Enlisted Quarters / 32nd Street Naval Station, San Diego, CA

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PERFORMED TODAY? YES NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES NO

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES NO

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
1-347	Neal Electric first floor pour watch, pre plan with AT&T and American Surveillance
F1220	Soltek Pacific general labor, dug dirt out of mechanical room block out for hydronic sleeves
F1240	G Force inspected reinforced concrete
S0065	DSI install excavate and install site sewer 12 line to 1 line. Adjust plumbing to final location. Watch first floor pour
F1225	PCS tied steel on wall, setting ties
1-310	JR Construction fabricate footing forms layout, prefab wall forms, screeds and operate tower crane, pour slab on grade, strip footings

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

06.24.03
 AUTHORIZED QC MANAGER AT SITE DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

26 JUN 03
 GOVERNMENT QUALITY ASSURANCE MANAGER DATE

CONTRACTORS PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date: 06/12/03

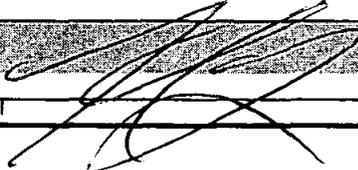
Contract No. 711-02-D-8013 DO #001		Title and Location P-254 BEQ, Naval Station San Diego		Report No. 89 Amendment	
Subcontractor Soltek Pacific		Superintendents Paul Cates, Keith Moss			
AM Weather Overcast	PM Weather Overcast	Max Temp 70	*F	Min Temp 65	*F

WORK PERFORMED TODAY

WORK PERFORMED TODAY	EMPLOYER	NO.	TRADE	HOURS
Supervision	SOLTEK	1	Safety Officer	8
"	"	2	Superintendents	24
"	"	1	CQC	9.5
job site pre-plan	NEAL ELECTRIC	1	Journeyman Wireman	8
"	"	1	Apprentice	
"	"	1	Utility Tech	
General labor, dug dirt out of Mech Rm	SOLTEK F.O.	3	Journeyman	
"	"	1	mason	
"	"	1	labors	8
"	"	1	Carpenter App.	
"	RJ LANTHIER	1	foreman	
"	"	1	apprentice	
"	RBF ENGINEERING	2	surveyors	
"	"	1	chainman	
Reinforced concrete inspection	G.FORCE	1	TECH	8
"	"	1	Project Eng/VP	
Excavate and install site sewer 12-1 line. Adjust plumbing to final location.	DSI PLUMBING	1	Foreman	8
"	"	3	Plumber	24
"	"	1	Operator	8
"	"	1	Plumbing Apprentice	8
"	SUPERIOR ROOFING	4	Roofer	
"	"	1	Operator	
panels on wall (Eastwing), slab on grade	PCS	8	Journeyman	64.5
ing, setting ties Westwing	"	1	Foreman	8
"	"	5	apprentice	46
screeds, prefab wall panels, footings, operate	JR CONSTRUCTION	1	Superintendent	8
crane	"	9	Journeyman Carpenter	94.5
"	"	3	laborer	31.5
"	"	2	operator	16.5
"	"	2	Carpenter apprentice	22
"	BURCH	3	Drywall	
"	West Coast Iron Inc	1	Ironworker	
"	"	1	helper	
"	Global Erection	1	Ironworker	
"	"	1	helper	
"	BRADSHAW	1	FIRESPRINKLER	

JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of meeting minutes)	TOTAL WORK HOURS ON JOB SITE THIS DATE	404.5
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES, attach description of incident and proposed action)	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	16117.75
	WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach statement or checklist showing inspection performed)	TOTAL HOURS FROM START OF CONSTRUCTION	16522.25
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES, attach description of incident and proposed action)	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	YES

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB
 alumina wall panels del#6, zone's (Eastwing), fittings,
 CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY.

COMMENTS:  7-24-03
 Keith Moss SUPERINTENDENT DATE

ENCLOSURE ()

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE **06-12-03**
REPORT NO **83**

PHASE CONTRACT NO **N68711-02-D-8013** CONTRACT TITLE **P-254 Bachelor Enlisted Quarters / 32nd Street Naval Station, San Diego, CA**

PREPARATORY	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.	
	Schedule Activity No.	Definable Feature of Work
	Index #	

INITIAL	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.	
	Schedule Activity No.	Definable Feature of Work
	Index #	

FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
	1-347	Neal Electric jobsite pre plan
	F1220	Soitek Pacific general labor, dug dirt out of mechanical room block out for hydronic sleeves
	F1240	G Force inspected reinforced concrete
	S0065	DSI install excavate and install site sewer 12 line to 1 line. Adjust plumbing to final location
	F1225	PCS tied steel slab on grade east wing, horizontal on walls and setting ties

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)	
Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

06.23.03
 AUTHORIZED QC MANAGER AT SITE DATE

GOVERNMENT QUALITY ASSURANCE REPORT DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

26 JUN 03
 GOVERNMENT QUALITY ASSURANCE MANAGER DATE

ENCLOSURE ()

CONTRACTORS PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date: 06/11/03

Contract No.

N68711-02-D-8013 DO #001

Title and Location

P-254 BEQ, Naval Station San Diego

Report No. 88

Subcontractor

Soltek Pacific

Superintendents

Paul Cates, Keith Moss

AM Weather

PM Weather

Max Temp

*F

Min Temp

*F

Overcast

Overcast

70

65

WORK PERFORMED TODAY

WORK PERFORMED TODAY	EMPLOYER	NO.	TRADE	HOURS
Supervision	SOLTEK	1	Safety Officer	8
"	"	2	Superintendents	23
"	"	1	CQC	11
job site pre-plan	NEAL ELECTRIC	1	Journeyman Wireman	8
"	"	1	Apprentice	
"	"	1	Utility Tech	
General labor	SOLTEK F.O.	3	Journeyman	
"	"	1	mason	
"	"	1	labors	9
"	"	1	Carpenter App.	
"	RJ BANTHIER	1	foreman	
"	"	1	apprentice	
"	RBF ENGINEERING	2	surveyors	
"	"	1	chainman	
Reinforced concrete inspection	G-FORCE	2	TECH	13.5
"	"	1	Project Eng/VP	
Excavate and install site sewer 12-1 line. Adjust plumbing to final location. Set CHW, HHW pre-insulated.	DSI PLUMBING	1	Foreman	8
"	"	3	Plumber	24
"	"	1	Operator	8
"	"	1	Plumbing Apprentice	8
Roofing Mech bldg	SUPERIOR ROOFING	4	Roofer	40
"	"	1	Operator	
lab on grade eastwing, unload truck.	PCS	7	Journeyman	56
"	"	1	Foreman	8
"	"	4	apprentice	32
Edge forms, footing forms/layout, prefab wall panels, fine grade/clean footings, operate crane, por. footings	JR CONSTRUCTION	1	Superintendent	8
"	"	9	Journeyman/Carpenter	74
"	"	4	labor	40
"	"	2	operator	16.5
"	"	2	Carpenter apprentice	16.5
"	BURCH	3	Drywaller	
"	West Coast Iron Inc	1	Ironworker	
"	"	1	helper	
"	Global Erection	1	Ironworker	
"	"	1	helper	
"	BRADSHAW	1	FIRESPRINKLER	

JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of meeting minutes)	TOTAL WORK HOURS ON JOB SITE THIS DATE	411.5
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of environmental OSHA report)	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	15706.25
	WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach statement or checklist showing inspection performed)	TOTAL HOURS FROM START OF CONSTRUCTION	16117.75
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach description of incident and proposed action)	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	YES

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB
 8042 sky trak, walls (Eastwing), roofing materials, PVC underground fittings, 503.5cy mix design 304090-4000psi
 CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY.

MTS _____
 Keith Moss
 SUPERINTENDENT
 6/12/03
 DATE

ENCLOSURE

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 06-11-03

REPORT NO 82

PHASE CONTRACT NO N68711-02-D-8013 CONTRACT TITLE P-254 Bachelor Enlisted Quarters / 32nd Street Naval Station, San Diego, CA

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PERFORMED TODAY? YES NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES NO

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES NO

Schedule Activity No	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
1-347	Neal Electric jobsite pre plan
F1220	Soitek Pacific general labor
F1240	G Force inspected reinforced concrete
S0065	DSI install excavate and install site sewer 12 line to 1 line. Adjust plumbing to final location, set cold and hot hydronic preinsulated pipe
F1225	PCS tied steel slab on grade east wing
1-310	JR Construction fabricate edge forms, footing forms layout, prefab wall forms, fine grade, clean footings and operate tower crane

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

AUTHORIZED QC MANAGER AT SITE 06-23-03

 DATE

GOVERNMENT QUALITY ASSURANCE REPORT

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER 210 JUN 03

 DATE

ENCLOSURE (

CONTRACTORS PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date: 06/10/03

Contract No. IN03/11-02-D-8013 DO #001		Title and Location P-254 BEQ, Naval Station San Diego		Report No. 87	
Subcontractor Soltek Pacific		Superintendents Paul Cates, Keith Moss			
AM Weather Overcast	PM Weather Overcast	Max Temp 70	*F	Min Temp 65	*F

WORK PERFORMED TODAY

WORK PERFORMED TODAY	EMPLOYER	NO.	TRADE	HOURS
Supervision	SOLTEK	1	Safety Officer	8
"	"	2	Superintendents	28.5
"	"	1	CQC	12
pre-plan, slab on-grade East, coordination mtg.	NEAL ELECTRIC	1	Journeyman Wireman	8
"	"	1	Apprentice	
"	"	1	Utility Tech	
General labor, site clean up	SOLTEK F.O.	3	Journeyman	
"	"	1	mason	
"	"	1	labors	7.5
"	"	1	Carpenter App.	
Coordination mtg	RJ LANTIER	1	foreman	2
"	"	1	apprentice	
"	RBF ENGINEERING	2	surveyors	
"	"	1	chainman	
Reinforced concrete inspection	G-FORCE	1	TECH	6.5
"	"	1	Project Eng/VP	
Excavate and install site sewer 12-1 line. Sleeve	DSI PLUMBING	1	Foreman	8
and install perimeter forms at sleeves	"	3	Plumber	24
"	"	1	Operator	8
"	"	2	Plumbing Apprentice	10
"	IRON HORSE GRADING	1	Laborer	
"	"	1	Flagman	
"	"	1	Operator	
dowels between 4-1 line, wall horizontals	PCS	8	Journeyman	64
cast wing. Cleaned West wing scrap.	"	1	Foreman	8
"	"	3	apprentice	32
Edge forms, footing forms, layout, prefab wall	JR CONSTRUCTION	1	Superintendent	8
panels, fine grade/clean footings, operate crane	"	9	Journeyman Carpenter	74
"	"	4	labor	36
"	"	1	operator	8.5
"	"	2	Carpenter apprentice	16.5
"	BURCH	3	Drywall	
"	West Coast Iron Inc.	1	Ironworker	
"	"	1	helper	
"	Global Erection	1	Ironworker	
"	"	1	helper	
"	BRADSHAW	1	FIRESPRINKLER	

JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of meeting minutes)	TOTAL WORK HOURS ON JOB SITE THIS DATE	369.5
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of environmental OSHA report)	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	15336.75
	WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach statement or checklist showing inspection performed)	TOTAL HOURS FROM START OF CONSTRUCTION	15706.25
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach description of incident and proposed action)		

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	YES	SAFETY REQUIREMENTS HAVE BEEN MET
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EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY.

ENTS: 40yd steel bin delivered by PWC for recycle; small steel bin dumped and returned; Received roofing material for Mech Bldg.

Keith Moss
SUPERINTENDENT

6/10/03
DATE

ENCLOSURE (P-1)

Meeting Minutes

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Job 472-B.E.Q.s Naval Station S.D., CA (P-254) Project # N68711-02-D-8013, T.O. #0001
 Tel: (619) 296-6247 Fax: (619) 296-0730

QC Meeting Meeting 9

Date	Start	End	Next Meeting	Next Time	Prepared By	Company
6/10/2003	09:00 AM	09:30 AM	5/27/2003	09:00 AM	John Bayardo	Soltek Pacific

Purpose	Location	Next Location	General Notes
Weekly QC Meeting	Soltek Trailer	Soltek Trailer	

Attended By	Non-Attendees
-------------	---------------

Soltek Pacific - John Bayardo
 Soltek Pacific - Ben Bump
 Soltek Pacific - Keith Moss
 Soltek Pacific - Paul Cates
 Soltek Pacific - S. Cody
 ROICC San Diego - Shannon Plummer

Item	Meeting Item Description	Resp	Status	Due Date	Compl'd	Cls'd
------	--------------------------	------	--------	----------	---------	-------

Old Business

Old Business

008-002	1. Plumbing: Shaposhnick has the second water test results forthcoming. (The gas line installed west of the mechanical building still needs a soils compaction test) Jim has stated that he will re compact soil within a work week so testing will pass. (The hydrostatic test on the 10" water main from the project to Norman Scott) will be performed this Thursday. Time to be arranged. Secondary air tests on first floor sewer systems will begin within a few days. During Mondays pour the 3" sewer sleeves were centered over the individual sewers.					...Yes
	2. Concrete Piles: Inspection of concrete pile dowel installation is <u>ongoing</u> .					
	3. Concrete foundation: Inspection and testing of all concrete placed is <u>ongoing</u> . Hamid Liaghat has released the concrete mix design #315093 and all Atlas concrete products					
	4. Rebar: Inspection of all reinforcing steel is <u>ongoing</u>					
	5. A 7 foot 5 inch gap exists between center to center of piles within the grade beam along the #5 grid line. Hamid Liaghat has been contacted and will be onsite to review options <i>new detail</i>					
	6. Missing #5 floor dowels between grid lines R and V were identified and placed prior to the pour Monday					

ENCLOSURE (4)

Meeting Minutes

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Item	Meeting	Item Description	Resp	Status	Due Date	Compl'd	Cls'd
------	---------	------------------	------	--------	----------	---------	-------

Old Business

- 7. A CMU grout cell void has been found just below the structural steel within the mechanical building. Dry pack or the Atlas flowable grout will be used to address it. *- complete*
- 8. A continuous inspection was performed Monday as the metal deck was installed on the mechanical building. All work has passed. *- complete*
- 9. Inspections were performed on the elevator pit exterior walls waterproofing. All work has passed. *- complete*
- 10. Soils tests have been ongoing on the backfill and compaction on the exterior walls of the elevator pit area. *- complete*

Safety

008-003

- 1.) Several violations of Fall Protection policy were witnessed. (JR Concrete, West Coast Steel). Reminder that ANY worker at or above 6' MUST be tied off.
- 2.) MSDS are not being brought to Safety Manager.
- 2.) Notice of Non-Compliance was issued for poor excavation safety. Two employees were fired for this.
- 4.) Operator was observed operating Bobcat in a dangerous manner. Please remind all operators to use caution when operating equipment. It is a privilege to operate equipment, not a right.
- 5.) Safety meeting records, equipment checklists are due weekly.
- 6.) Suggested topics for subcontractor safety meetings can come from this agenda.
- 7.) Clean-up trash, litter, waste, scrap and materials. Dumpsters are now on site. Lunch litter is still a problem.
- 8.) Smoking allowed in designated areas.

Yes

Safety Record

008-004

- 1.) One injury, (hand laceration), PCS employee reported for last week.
- 2.) Two employees terminated for unsafe acts last week.
- 3.) One employee received warning for unsafe act.
- 4.) Report all injuries and accidents to Cody (619) 855-0128 immediately.

Yes

Production Report

008-005

- Mechanical Bldg
- 1. Neal Electric- Panels and gear in elect. rm.
 - 2. Soltek Pacific- Fill Beam block out by 6/5/03
 - 3. DSI- Need to install insulated pipe
 - 4. WCI- Roof deck completed by 6/2/03
 - 5. Superior Roofing- Tentative schedule in 6/9/03

Yes

BEQ

- 1. JR- Excavation of footings complete, backfilling of elevator pit in progress. Poured first half of grade beams on east wing 6/2/03, will complete 6/4/03. Start backfilling of grade beams for SOG.
- 2. Neal- Start conduits in slab and below slab
- 3. DSI- Completing U/G at west wing
- 4. Soltek- Grouting dowels, chipping piles
- 5. PCS- steel in footings

Site

- 1. DSI- Water main at Norman Scott has been installed

ENCLOSURE ()

Meeting Minutes

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Item	Meeting Item Description	Resp	Status	Due Date	Compl'd	Cls'd
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Old Business

need to pressure test, gas line has been installed from north wing to mech. bldg., working with SDG&E for location of POC on mainline in Main Street and schedule install. Need to start sewer and storm drain on south side of north wing. Need to complete backfilling and relocation of spoils.
2. Neal- No activity

Item	Meeting Item Description	Resp	Status	Due Date	Compl'd	Cls'd
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New Business

New Business

009-001

1. Plumbing:
Shaposhnick has the second water test results forthcoming. The gas line installed west of the mechanical building still needs a soils compaction test. Jim has stated that he will re compact soil within a work week so testing will pass. The hydrostatic test on the 10" water main from the project to Norman Scott will be performed this Thursday. Time to be arranged. Secondary air tests on first floor sewer systems will begin within a few days. During Mondays pour the 3" sewer sleeves were centered over the individual sewers.

Solids passed
drinking fountain passed
~~XX~~ hydrant failed

2. Concrete Piles:
Inspection of concrete pile dowel installation is ongoing.

3. Concrete foundation:
Inspection and testing of all concrete placed is ongoing. Hamid Liaghat has released the concrete mix design #315093 and all Atlas concrete products

IR doesn't like changes - will resubmit new mix design (this is a backup mix)

4. Rebar:
Inspection of all reinforcing steel is ongoing

5. A 7 foot 5 inch gap exists between center to center of piles within the grade beam along the #5 grid line. Hamid Liaghat has been contacted and will be onsite to review options provided detail

- 6. 7 day breaks exceeding 4000
- 7. Low piles - adding mat around top of piles per Hamid
- 8. Bent/rebent dowels @ elevator pit to be addressed by Hamid. (will drill in additional dowels)

6. Missing #5 floor dowels between grid lines R and V were identified and placed prior to the pour Monday

7. A CMU grout cell void has been found just below the structural steel within the mechanical building. Dry pack or the Atlas flowable grout will be used to address it.

8. A continuous inspection was performed Monday as the metal deck was installed on the mechanical building. All work has passed.

9. Inspections were performed on the elevator pit exterior walls waterproofing. All work has passed

10. Soils tests have been ongoing on the backfill and compaction on the exterior walls of the elevator pit area.

Old Business

Cc:	Company Name	Contact Name	Copies	Notes
	Soltek Pacific	John Bayardo	1	

ENCLOSURE (1)

Meeting Minutes

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Soltek Pacific	Ben Bump	1
Soltek Pacific	Keith Moss	1
Soltek Pacific	Paul Cates	1
Soltek Pacific	S. Cody	1
ROICC San Diego	Shannon Plummer	1

- Jon - delete doors in laundry area
- delete door between kitchenette/bath
 - ↳ remove header & "left" wall to open passageway
- lower entry ceiling, remove closet lights
- rework cleanout location from bedroom to bath; match tile (talk to Elaine)
- review dryer vent cleanout location → is it possible to move out of the bedroom?
- light fixture in bedroom will be moved so it doesn't interfere w/fan



New Business

1. Plumbing:

The second potable water test results are back. The solid particles and the drinking fountain liquid passed. The west fire hydrant failed once again. This now showing that the water within the 6" cast iron main was the probable source of contamination. Test results will be delivered to the Government within a business day. The scheduling of rechlorinating, repurging and retesting the entire 10" main will be done this week. The gas line west of the mechanical building still needs to be compacted and tested. First floor sewer sleeves remain a focus prior to all concrete pours. The second "wet" sewer piping test is ongoing.

2. Concrete piles:

The installation of all concrete pile dowels is complete and approved

3. Concrete foundation:

Concrete mix design 315092 was approved by Hamid Liaghat with only 275 pounds of water. That is a reduction of approximately 33 pounds. JR Construction does not accept this due to the amount of steel involved which will cause the concrete not to flow properly. JR Construction will resubmit a new mix design. Early breaks on concrete samples of the foundation are resulting in 100% of mix design (4000 psi) within 7 days. All concrete pours are inspected continuously with temperature monitoring beyond 90 minutes of being batched.

4. Rebar:

Rebar inspection is ongoing. A mat detail has been approved by Hamid Liaghat for the 3 piles that are low. An epoxy / rebar detail is forthcoming from FLC. This is due to the fact that rebar within the elevator pit walls was bent excessively. Hamid Liaghat has also field approved the rebar configuration for the concrete pile that was a meter low. This was due to the fact that the original detail was not built in the field. Lastly Hamid has approved additional rebar within the grade beam to offset the increased dimension between center to center of concrete piles.

ENCLOSURE (1)



Quality Control Report
06-10-03

OLD BUSINESS

1. Plumbing:

Shaposhnick has the second water test results forthcoming. The gas line installed west of the mechanical building still needs a soils compaction test. Jim has stated that he will re compact soil within a work week so testing will pass. The hydrostatic test on the 10" water main from the project to Norman Scott will be performed this Thursday. Time to be arranged. Secondary air tests on first floor sewer systems will begin within a few days. During Mondays pour the 3" sewer sleeves were centered over the individual sewers.

2. Concrete Piles:

Inspection of concrete pile dowel installation is ongoing.

3. Concrete foundation:

Inspection and testing of all concrete placed is ongoing. Hamid Liaghat has released the concrete mix design #315093 and all Atlas concrete products

4. Rebar:

Inspection of all reinforcing steel is ongoing

5. A 7 foot 5 inch gap exists between center to center of piles within the grade beam along the #5 grid line. Hamid Liaghat has been contacted and will be onsite to review options

6. Missing #5 floor dowels between grid lines R and V were identified and placed prior to the pour Monday

7. A CMU grout cell void has been found just below the structural steel within the mechanical building. Dry pack or the Atlas flowable grout will be used to address it.

8. A continuous inspection was performed Monday as the metal deck was installed on the mechanical building. All work has passed.

9. Inspections were performed on the elevator pit exterior walls waterproofing. All work has passed

10. Soils tests have been ongoing on the backfill and compaction on the exterior walls of the elevator pit area.

ENCLOSURE (



Tuesday 6-10-03

New Business- Safety

Topic: Weekly Site Safety Issues by S.Cody- Soltek Pacific Safety Manager

- 1.) Flaggers are required when there is high traffic such as during concrete pours.
- 2.) Ironworkers were not wearing safety glasses when using torch.
- 3.) Soltek employee squirting water on drill motor that was plugged in. Extremely hazardous with an electrocution hazard. (Darwin award!)
- 4.) Two nylon slings and one steel choker were tagged out. Please inspect all rigging and remove it from site if defective.
- 5.) Fall protection is becoming a "hot topic". As we go up, make sure that workers are tied off at all heights 6' or >. No exceptions!
- 6.) Waste, scrap and materials need to be cleaned up. There is a severe slip, trip and fall hazard with poor housekeeping.

Old Business- Safety

Topic: Safety Record

- 1.) Report all injuries, accidents and hazardous conditions to Cody @ (619) 855-0128 immediately.
- 2.) No injuries or accidents reported this week.
- 3.)

ENCLOSURE ()

Production Report
P-254 Design Build Hi-Rise BEQ
N68711-02-D-8013 DO #001

Mechanical Building

1. Neal Electric –Panels & gear in electrical room.
2. Soltek Pacific –Fill beam block-out - Complete.
3. DSI – Need to install insulated pipe- in process. Boilers are scheduled for delivery on 6/13/03.
4. Superior Roofing – Material delivered, will start 6/11/03.

BEQ

1. JR Concrete –Backfilling of elevator pit - complete. Grade beams & pile caps poured out on east wing. Will pour grade beams and pile caps @ north wing on 6/11/03. SOG @ east wing will pour 6/13/03, SOG north wing 6/20/03.
2. Neal –Start conduits in slab & below slab – complete.
3. DSI – Completing U/G @ w-wing.
4. Soltek Pacific- Grouting dowels; chipping piles - complete
5. PCS – Steel in grade beams, pile caps, slab dowels, wall steel and columns north wing. SOG steel @ east wing.

Site

1. DSI- Water main at Norman Scott - need to pressure test, Working with SDG&E for location of POC on mainline in Main street and schedule to install. Started sewer and storm drain on south side of north wing. Need to complete backfilling and relocation of spoils
2. Neal – No activity.
3. Iron Horse – removed extra spoils from site.
4. Miranda- will start landscape repair west of Snyder Hall this week.
5. Asphalt Patching- still in negotiations.

—start next week?

ENCLOSURE (

		2003			
MAY	JUN	JUL			
2	9	16			30

ACTIVITY ID	ACTIVITY DESCRIPTION	RF DC	EARLY START	EARLY FINISH
S0114	Install Site Sewer	0	21APR03A	6JUN03
S0112	Install Storm Drain System	2	28APR03A	10JUN03
1-343	Electrical U/G @ E & Core	1	1MAY03A	9JUN03
1-345	Rebar SOG @ E & Core	6	1MAY03A	17JUN03
1-342	Plumbing U/G E & Core	2	5MAY03A	11JUN03
1-344	Sand & Visqueen SOG E & Core	5	9MAY03A	16JUN03
SE113	Install Gas Line	1	15MAY03A	9JUN03
1-346	Plumbing U/G @ No	1	16MAY03A	9JUN03
1-301	Screeds SOG @ E & Core	3	22MAY03A	12JUN03
1-310	Rebar Walls & Cols 1-E & Core	2	23MAY03A	23JUN03
F2225	Reinforcing Stl at Pile Caps &	1	23MAY03A	9JUN03
F2220	Grout Dowels at Piles - No Wi	0	25MAY03A	6JUN03
F2230	Templates for Dowels @ Gr Bms	1	9JUN03	9JUN03
S0111	Install U/G Hydronic Piping	1	9JUN03	9JUN03
1-347	Electrical U/G @ No	5	10JUN03	16JUN03
F2235	Install Dowels for Walls & Col	1	10JUN03	10JUN03
F2240	Pour Pile Caps & Gr Bms - No W	1	11JUN03	11JUN03
F2245	Strip Templates & Sandblast Re	1	12JUN03	12JUN03
1-303	Pour SOG @ E & Core	1	13JUN03	13JUN03
1-348	Sand & Visqueen SOG @ No	2	17JUN03	18JUN03
1-349	Rebar SOG @ North	2	19JUN03	20JUN03
1-305	Screeds & Templates @ No	2	23JUN03	24JUN03
1-320	Button Up Walls & Columns 1-E	2	24JUN03	25JUN03
1-307	Pour SOG @ No	1	25JUN03	25JUN03
1-330	Pour Walls & Columns 1-E & Cor	1	26JUN03	26JUN03
1-340	Strip Walls & Cols 1-E & Core	1	27JUN03	27JUN03
2-300	Shoring, Plwood & Edge Forms 2	2	30JUN03	1JUL03
1-350	One Side Wall Forms 1-No	2	30JUN03	1JUL03
2-304	Electrical Conduit & Boxes 2-E	1	2JUL03	2JUL03
1-360	Rebar Walls & Cols 1-North	2	2JUL03	3JUL03

ENCLOSURE

June 10, 2003 Three Week Look Ahead

Plot Date 10JUN03
Data Date 9JUN03
Project Start 29JUL02
Project Finish 4OCT04

Activity Bar/Early Dates
Critical Activity
Progress Bar
Milestone/Flag Activity

Sheet 1 of 1

Date: _____ Revision: _____ Checked: _____ Approved: _____

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE **06-10-03**
 REPORT NO **81**

PHASE CONTRACT NO **N68711-02-D-8013** CONTRACT TITLE **P-254 Bachelor Enlisted Quarters / 32nd Street Naval Station, San Diego, CA**

PREPARATORY	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

INITIAL	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	
	1-347	Neal Electric pre plan, slab on grade east wing, coordination meeting	
	F1220	Soltek Pacific general labor and site clean up	
	F1240	RJ Lanthier coordination meeting	
	S0065	G Force inspected reinforced concrete	
	F1225	DSI install excavate and install site sewer 12 line to 1 line. Sieve and install perimeter forms at sleeves.	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

06.23.03
 AUTHORIZED QC MANAGER AT SITE DATE

GOVERNMENT QUALITY ASSURANCE REPORT		DATE
QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT		
Schedule Activity No.	Description	

26JUN03
 GOVERNMENT QUALITY ASSURANCE MANAGER DATE

CONTRACTORS PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date: 06/09/03

Project No. 11-02-D-8013 DO #001	Title and Location P-254 BEQ, Naval Station San Diego	Report No. 86
Subcontractor Soltek Pacific	Superintendents Paul Cates, Keith Moss	
AM Weather Overcast	PM Weather Overcast	Max Temp *F 70
		Min Temp *F 65

WORK PERFORMED TODAY				
WORK PERFORMED TODAY	EMPLOYER	NO.	TRADE	HOURS
Supervision	SOLTEK	1	Safety Officer	8
"	"	2	Superintendents	23
		1	CQC	9.5
Slab on grade East wing	NEAL ELECTRIC	1	Journeyman Wireman	8
		1	Apprentice	
		1	Utility Tech	
Grouted dowels, cut rebar, mixed dowels	SOLTEK F.O.	3	Journeyman	
		1	mason	
		2	labors	15
		1	Carpenter App.	
	RJ LANTHIER	1	foreman	
		1	apprentice	
	RBF ENGINEERING	2	surveyors	
		1	chainman	
Reinforced concrete inspection	G-FORCE	1	TECH	8
		1	Project Eng/VP	
Excavate and install site sewer 12-1 line. Sleeve and install perimeter forms at sleeves	DSI PLUMBING	1	Foreman	8
		3	Plumber	24
		1	Operator	8
		1	Plumbing Apprentice	8
	IRON HORSE GRADING	1	Laborer	
		1	Flagman	
		1	Operator	
Dowels between 1-6 line, horizontals on East wing, fix three piles drilled too low	PCS	8	Journeyman	62
		1	Foreman	8
		3	apprentice	24
operate tower crane	JR CONSTRUCTION	1	Superintendent	8
		9	Journeyman Carpenter	76
		4	labor	32
		2	operator	16.5
		2	Carpenter apprentice	16.5
	BURCH	3	Drywall	
	West Coast Iron Inc	1	Ironworker	
		1	helper	
	Global Erection	1	Ironworker	
		1	helper	
	BRADSHAW	1	FIRESPRINKLER	

JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <small>(If YES, attach copy of meeting minutes)</small>	TOTAL WORK HOURS ON JOB SITE THIS DATE	362.5
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <small>If YES, attach copy of environmental OSHA report)</small>	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	14974.25
	WAS TRENCING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <small>(If YES, attach statement or checklist showing inspection performed)</small>	TOTAL HOURS FROM START OF CONSTRUCTION	15336.75
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <small>If YES, attach description of incident and proposed action)</small>		

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	YES	SAFETY REQUIREMENTS HAVE BEEN MET
--	-----	-----------------------------------

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY.

ITS Roofing material for Mech Bldg. Delivered Superior Roofing hauled (1) 40yd to dump for JR Concrete.

Keith Moss
SUPERINTENDENT

6/10/03
DATE

ENCLOSURE 1

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 06-09-03
REPORT NO 80

PHASE CONTRACT NO N68711-02-D-8013 CONTRACT TITLE P-254 Bachelor Enlisted Quarters / 32nd Street Naval Station, San Diego, CA

PREPARATORY	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.	
	Schedule Activity No.	Definable Feature of Work

INITIAL	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.	
	Schedule Activity No.	Definable Feature of Work

FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
	1-347	Neal Electric slab on grade east wing
	F1220	Sottek Pacific grouted dowels, cut rebar and torch strands down to pile surface
	F1240	G Force inspected reinforced concrete
	S0065	DSI install excavate and install site sewer 12 line to 1 line. Sleeve and install perimeter forms at sleeves
	F1225	PCS tied steel on walls east wing, fix 3 piles driven too low, dowels 1 - 6.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.	
Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

06.23.03
 AUTHORIZED QC MANAGER AT SITE DATE

GOVERNMENT QUALITY ASSURANCE REPORT DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

21 JUN 03
 GOVERNMENT QUALITY ASSURANCE MANAGER DATE

ENCLOSURE ()

CONTRACTORS PRODUCTION REPORT <small>(ATTACH ADDITIONAL SHEETS IF NECESSARY)</small>			Date: 06/07/03	
Tract No. 11-02-D-8013 DO #001		Title and Location P-254 BEQ, Naval Station San Diego		Report No. 85
Subcontractor Soltek Pacific		Superintendents Paul Cates, Keith Moss		
AM Weather Overcast	PM Weather Overcast	Max Temp 70	*F	Min Temp 65
WORK PERFORMED TODAY				
WORK PERFORMED TODAY	EMPLOYER	NO.	TRADE	HOURS
Supervision	SOLTEK	1	Safety Officer	6
"	"	2	Superintendents	5
"	"	1	CQC	5.5
"	NEAL ELECTRIC	2	Journeyman Wireman	
"	"	1	Apprentice	
"	"	1	Utility Tech	
"	SOLTEK F.O.	3	Journeyman	
"	"	1	mason	
"	"	2	labors	
"	"	1	Carpenter App.	
"	RJ LANTIER	1	foreman	
"	"	1	apprentice	
"	RBF ENGINEERING	2	surveyors	
"	"	1	chainman	
"	G-FORCE	1	TECH	
"	"	1	Project Eng/VP	
"	DSI PLUMBING	1	Foreman	
"	"	4	Plumber	
"	"	1	Operator	
"	"	1	Plumbing Apprentice	
"	IRON HORSE GRADING	1	Laborer	
"	"	1	Flagman	
"	"	1	Operator	
izontals on east wing.	PCS	7	Journeyman	54
"	"	1	Foreman	8
"	"	3	apprentice	24
operate tower crane	JR CONSTRUCTION	1	Superintendent	
"	"	7	Journeyman Carpenter	
"	"	4	labor	
"	"	1	operator	8
"	"	2	Carpenter apprentice	
"	BURCH	3	Drywall	
"	West Coast Iron Inc	1	Ironworker	
"	"	1	helper	
"	Global Erection	1	Ironworker	
"	"	1	helpers	
"	BRADSHAW	1	FIRESPRINKLER	
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <small>(If YES, attach copy of meeting minutes)</small>		TOTAL WORK HOURS ON JOB SITE THIS DATE 110.5	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <small>If YES, attach copy of environmental OSHA report)</small>		CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT 14863.75	
	WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <small>(If YES, attach statement or checklist showing inspection performed)</small>		TOTAL HOURS FROM START OF CONSTRUCTION 14974.25	
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <small>If YES, attach description of incident and proposed action)</small>			
LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED			YES	SAFETY REQUIREMENTS HAVE BEEN MET
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB				
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY.				
Keith Moss SUPERINTENDENT			6/9/03 DATE	

ENCLOSURE T

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE **06-07-03**
 REPORT NO **79**

PHASE **CONTRACT NO N68711-02-D-8013** CONTRACT TITLE **P-254 Bachelor Enlisted Quarters / 32nd Street Naval Station, San Diego, CA**

PREPARATORY	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

INITIAL	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	
	F1225	PCS tied steel on walls east wing	
	1-310	JR Construction operate tower crane	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)	
Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

[Signature] **06.16.03**
 AUTHORIZED QC MANAGER AT SITE DATE

GOVERNMENT QUALITY ASSURANCE REPORT DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

[Signature] **26 JUN 03**
 GOVERNMENT QUALITY ASSURANCE MANAGER DATE

ENCLOSURE (0-1)

CONTRACTORS PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date: 06/06/03

act No. No 711-02-D-8013 DO #001		Title and Location P-254 BEQ, Naval Station San Diego	Report No. 84
Subcontractor Soltek Pacific		Superintendents Paul Cates, Keith Moss	

AM Weather Overcast	PM Weather Overcast	Max Temp 70	*F	Min Temp 65	*F
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WORK PERFORMED TODAY

WORK PERFORMED TODAY	EMPLOYER	NO.	TRADE	HOURS
Supervision	SOLTEK	1	Safety Officer	8
"	"	2	Superintendents	24
"	"	1	CQC	9.5
Slab on grade east wing	NEAL ELECTRIC	2	Journeyman Wireman	10.5
"	"	1	Apprentice	
"	"	1	Utility Tech	
grouted dowels, cut rebar, mix grout, site clean up	SOLTEK F.O.	3	Journeyman	
"	"	1	mason	16
"	"	1	labors	8
"	"	1	Carpenter App.	
"	IRJ LANTHIER	1	foreman	
"	"	1	apprentice	
"	RBF ENGINEERING	2	surveyors	
"	"	1	chainman	
reinforced concrete inspection	G-FORCE	1	TECH	8
"	"	1	Project Eng/VP	
Install sleeves and connect plumbing in bldg. Q-A, install bldg. Plumbing, fire and water service	DSI PLUMBING	1	Foreman	
"	"	4	Plumber	32
"	"	1	Operator	8
"	"	1	Plumbing Apprentice	8
export footing and utility spoils from site, hand	IRON HORSE GRADING	1	Laborer	8
pick up trash, flagman	"	1	Flagman	8
"	"	1	Operator	10
finish walls an east wing	PCS	8	Journeyman	62
"	"	1	Foreman	3
"	"	4	apprentice	32
footing forms, slab Wall panels, fine grade	JR CONSTRUCTION	1	Superintendent	8
operate forklift and tower crane	"	7	Journeyman Carpenter	58
"	"	4	labor	34
"	"	2	operator	11
"	"	2	Carpenter apprentice	16.5
"	BURCH	3	Drywaller	
"	West Coast Iron Inc	1	Ironworker	
"	"	1	helper	
"	Global Erection	1	Ironworker	
"	"	1	helper	
"	BRADSHAW	1	FIRESPRINKLER	

JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (if YES, attach copy of meeting minutes)	TOTAL WORK HOURS ON JOB SITE THIS DATE	382.5
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES, attach copy of environmental OSHA report)	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	14863.75
	WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (if YES, attach statement or checklist showing inspection performed)	TOTAL HOURS FROM START OF CONSTRUCTION	15246.25
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES, attach description of incident and proposed action)		

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	YES	SAFETY REQUIREMENTS HAVE BEEN MET
--	-----	-----------------------------------

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY.
 2 tons fill sand, 8.5cy mix #304090, footings PC-1, wall dowels 8-4 line, 972 loader, fittings, one load reinforced steel
 NTS 6 truck loads went to the dump

Keith Moss
SUPERINTENDENT

[Signature]
6-9-03
DATE

ENCLOSURE (1)

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 06-06-03

REPORT NO 78

PHASE CONTRACT NO N68711-02-D-8013 CONTRACT TITLE P-254 Bachelor Enlisted Quarters / 32nd Street Naval Station, San Diego, CA

PREPARATORY	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

INITIAL	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	
	1-347	Neal Electric slab on grade east wing	
	F1220	Soltek Pacific grouted dowels, cut rebar and torch strands down to pile surface	
	F1240	G Force inspected reinforced concrete	
	S0065	DSI install sleeves and connect plumbing in building, excavate for building plumbing, fire and water service	
	F1225	PCS tied steel on walls east wing	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)	
Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

06.13.03
 AUTHORIZED QC MANAGER AT SITE DATE

GOVERNMENT QUALITY ASSURANCE REPORT DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

06.13.03
 GOVERNMENT QUALITY ASSURANCE MANAGER DATE

ENCLOSURE (P-1)

CONTRACTORS PRODUCTION REPORT <small>(ATTACH ADDITIONAL SHEETS IF NECESSARY)</small>				Date: 06/05/03	
Contract No. N68711-02-D-8013 DO #001		Title and Location P-254 BEQ, Naval Station San Diego		Report No. 83	
Subcontractor Soltek Pacific		Superintendents Paul Cates, Keith Moss			
AM Weather Overcast	PM Weather Overcast	Max Temp 70	*F	Min Temp 65	*F
WORK PERFORMED TODAY					
WORK PERFORMED TODAY	EMPLOYER	NO.	TRADE	HOURS	
Supervision	SOLTEK	1	Safety Officer	8	
"	"	2	Superintendents	24	
"	"	1	CQC	9.5	
Slab on grade east wing	NEAL ELECTRIC	1	Journeyman/Wireman	24	
"	"	1	Apprentice		
"	"	1	Utility Tech		
Stripped beam pockets in Mech. Rm., grouting dowels, cut rebar, mixing grout	SOLTEK F.O.	3	Journeyman	10	
"	"	1	mason		
"	"	2	labors	16	
"	"	1	Carpenter App.	8	
"	RJ LANTHIER	1	foreman		
"	"	1	apprentice		
"	RBF ENGINEERING	2	surveyors		
"	"	1	chainman		
reinforced concrete inspection	G-FORCE	1	TECH	8	
"	"	1	Project Eng/VP		
Install sleeves and connect plumbing in bldg. Q-A, excavate for bldg plumbing, fire and water service	DSI PLUMBING	1	Foreman	8	
"	"	4	Plumber	32	
"	"	1	Operator	8	
"	"	2	Plumbing Apprentice	16	
Export on footing spoils, hand picking trash	IRON HORSE GRADING	1	Laborer	8	
"	"	1	Operator	8	
1 setting east wing ties, grade beam and cap between 4-1 line, all piles built and grade started	PCS	8	Journeyman	63	
"	"	1	Foreman	3	
"	"	4	apprentice	32	
layout/edge form, fab wall panels, form footing pour footings/strip, operate forklift and crane	JR CONSTRUCTION	1	Superintendent	8	
"	"	8	Journeyman Carpenter	59	
"	"	4	labor	32.5	
"	"	2	operator	11	
"	"	2	Carpenter/apprentice	16	
"	BURCH	3	Drywaller		
"	West Coast Iron Inc	1	ironworker		
"	"	1	helper		
"	Global Erection	1	ironworker		
"	"	1	helper		
"	BRADSHAW	1	FIRESPRINKLER		
JOB SAFETY WAS A JOB SAFETY MEETING HELD THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <small>(If YES, attach copy of meeting minutes)</small> WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <small>If YES, attach copy of environmental OSHA report)</small> WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <small>(If YES, attach statement or checklist showing inspection performed)</small> WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <small>If YES, attach description of incident and proposed action)</small> LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED		TOTAL WORK HOURS ON JOB SITE THIS DATE		412	
		CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT		14451.75	
		TOTAL HOURS FROM START OF CONSTRUCTION		14863.75	
		EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB		YES	SAFETY REQUIREMENTS HAVE BEEN MET
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY. 1 load reinforced steel, fittings, 972 loader, del #4 inside wall panels, wall horizontal eastwing 13-W INTS 140 yds and 3 trucks went to dump					
Keith Moss SUPERINTENDENT				6-6-03 DATE	

ENCLOSURE (1)

PREPARATORY .IASE CHECKLIST

(CONTINUED ON SECOND PAGE)

SPEC ION	DATE
07550	06-05-03
SCHEDULE ACT NO.	INDEX #
RF-110M	Enter Index# Here

CONTRACT NO	DEFINABLE FEATURE OF WORK
N68711-02-D-8013	Modified Bitumen Roofing (Mech Building)

PERSONNEL PRESENT	GOVERNMENT REP NOTIFIED	48 HOURS IN ADVANCE:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
	NAME	POSITION	COMPANY/GOVERNMENT	
	Keith Moss	Superintendent	Soltek Pacific	
	John Bayardo	CCCM	Soltek Pacific	
	Ben Bump	Project manager	Soltek Pacific	
	Paul Cates	Superintendent	Soltek Pacific	
	Shannon Plummer	AREICC	ROICCC	
	Evan Serpanos	Owner	Superior Roofing Contractors	

SUBMITTALS	REVIEW SUBMITTALS AND/OR SUBMITTAL REGISTER. HAVE ALL SUBMITTALS BEEN APPROVED?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
	IF NO, WHAT ITEMS HAVE NOT BEEN SUBMITTED? NONE		
	ARE ALL MATERIALS ON HAND?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
	IF NO, WHAT ITEMS ARE MISSING? Subcontractor has agreed and has ordered 5/8" Dens Deck		

CHECK APPROVED SUBMITTALS AGAINST DELIVERED MATERIAL. (THIS SHOULD BE DONE AS MATERIAL ARRIVES.)

COMMENTS: All material delivered complies with specifications and general requirements. The only exception is the 1/2" Dens Deck that will be replaced with 5/8" material

MATERIAL STORAGE	ARE MATERIALS STORED PROPERLY?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
	IF NO, WHAT ACTION IS TAKEN?		

SPECIFICATIONS	REVIEW EACH PARAGRAPH OF SPECIFICATIONS.
	DISCUSS PROCEDURE FOR ACCOMPLISHING THE WORK. Subcontractor, superintendent and I walked the job after a general discussion on expectations
	CLARIFY ANY DIFFERENCES.

PRELIMINARY WORK & PERMITS	ENSURE PRELIMINARY WORK IS CORRECT AND PERMITS ARE ON FILE.
	IF NOT, WHAT ACTION IS TAKEN? Architect and ROICC have reviewed and approved submittal

ENCLOSURE ()

PREPARATORY PHASE CHECKLIST

(CONTINUED FROM FIRST PAGE)

SPEC SECTION
07550

DATE
06-05-03

CONTRACT NO
N68711-02-D-8013

DEFINABLE FEATURE OF WORK
Modified Bitumen Roofing (Mech Building)

SCHEDULE ACT NO.
RF-110M

INDEX #

TESTING

IDENTIFY TEST TO BE PERFORMED, FREQUENCY, AND BY WHOM.

Surface dryness test. Continuous inspection by G Force inspector.

WHEN REQUIRED? Continuous

WHERE REQUIRED?

REVIEW TESTING PLAN.

HAS TEST FACILITIES BEEN APPROVED?

G Force is under contract to perform testing.

SAFETY

ACTIVITY HAZARD ANALYSIS APPROVED?

YES NO

REVIEW APPLICABLE PORTION OF EM 385-1-1. Safety manager has held his safety meeting.

MEETING COMMENTS

NAVY/ROICC COMMENTS DURING MEETING.

OTHER ITEMS OR REMARKS

OTHER ITEMS OR REMARKS:


QC MANAGER

06.05.03
DATE

PREPARATORY PHASE CHECKLIST

(CONTINUED ON SECOND PAGE)

SPEC: DN
07550

DATE
06-05-03

CONTRACT NO
N68711-02-D-8013

DEFINABLE FEATURE OF WORK
Modified Bitumen Roofing

SCHEDULE ACT NO.
RF-110M

INDEX #
Enter Index# Here

PERSONNEL PRESENT	GOVERNMENT REP NOTIFIED 48 HOURS IN ADVANCE YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	NAME	POSITION
	Keith Moss	Superintendent
	John Bayardo	CQCM
	Ben Bump	Project manager
	Paul Cates	Superintendent
	Shannon Plummer	AREICC
	Evan Serpanos	Owner
COMPANY/GOVERNMENT		
	Soltek Pacific	
	ROIICC	
	Superior Roofing Contractors	

SUBMITTALS	REVIEW SUBMITTALS AND/OR SUBMITTAL REGISTER. HAVE ALL SUBMITTALS BEEN APPROVED? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
	IF NO, WHAT ITEMS HAVE NOT BEEN SUBMITTED? <u>NONE</u>
	ARE ALL MATERIALS ON HAND? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
	IF NO, WHAT ITEMS ARE MISSING? <u>Subcontractor has agreed and has ordered 5/8" Dens Deck</u>
CHECK APPROVED SUBMITTALS AGAINST DELIVERED MATERIAL. (THIS SHOULD BE DONE AS MATERIAL ARRIVES.)	
COMMENTS: <u>All material delivered complies with specifications and general requirements. The only exception is the 1/2" Dens Deck that will be replaced with 5/8" material</u>	

MATERIAL STORAGE	ARE MATERIALS STORED PROPERLY? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
	IF NO, WHAT ACTION IS TAKEN? _____

SPECIFICATIONS	REVIEW EACH PARAGRAPH OF SPECIFICATIONS. _____
	DISCUSS PROCEDURE FOR ACCOMPLISHING THE WORK. <u>Subcontractor, superintendent and I walked the job after a general discussion on expectations</u>
	CLARIFY ANY DIFFERENCES. _____

PRELIMINARY WORK & PERMITS	ENSURE PRELIMINARY WORK IS CORRECT AND PERMITS ARE ON FILE.
	IF NOT, WHAT ACTION IS TAKEN? <u>Architect and ROIICC have reviewed and approved submittal</u>

ENCLOSURE

TESTING	IDENTIFY TEST TO BE PERFORMED, FREQUENCY, AND BY WHOM. Continuous roof inspection required during entire installation
	WHEN REQUIRED?
	WHERE REQUIRED?
	REVIEW TESTING PLAN.
	HAS TEST FACILITIES BEEN APPROVED?
	ACTIVITY HAZARD ANALYSIS APPROVED? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
SAFETY	REVIEW APPLICABLE PORTION OF EM 385-1-1. Section 21 sub sections 21.A.02 and 21.C.01 regarding fall protection was discussed.
	NAVY/ROICC COMMENTS DURING MEETING.
MEETING COMMENTS	
OTHER ITEMS OR REMARKS	OTHER ITEMS OR REMARKS: When material and kettle was delivered to the job the subcontractor was informed that 1/2" Dens Deck was not acceptable and the propane line to the burner was leaking. At this point the subcontractor was told that no work would start until both items were addressed.
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  QC MANAGER </div> <div style="text-align: right;"> 06.13.03 DATE </div> </div>	

Meeting Minutes

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Job 472-B.E.Q.s Naval Station S.D., CA (P-254) Project # N68711-02-D-8013, T.O. #0001
 Tel: (619) 296-6247 Fax: (619) 296-0730

Preparatory Meeting Meeting 1

Date	Start	End	Next Meeting	Next Time	Prepared By	Company
6/5/2003	01:00 AM	01:30 AM			Diane Rose	Soltek Pacific

Purpose	Location	Next Location	General Notes
Mechanical Roof Preparatory Meeting	Soltek Job Trailer		

Attended By	Non-Attendees
-------------	---------------

Attended By:
 Soltek Pacific - Keith Moss
 Soltek Pacific - John Bayardo
 Soltek Pacific - Ben Bump
 Soltek Pacific - Paul Cates
 ROICC San Diego - Shannon Plummer
 Superior Roofing Contractors - Evan Serpanos
 G-Force - John Thompson
 Western Bay Sheet Metal & Marine INC - Roy Lozano

Item	Meeting Item Description	Resp	Status	Due Date	Compl'd	Cts'd
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New Business

Mechanical Building Submittal

1-001	Approved submittal distributed to G-Force, ROICC will received copy by end of week.	Soltek				Yes
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Sheet Metal

1-002	Will begin work after roofing is completed. All materials will be on site/ G-Force will be on site to inspect materials and workmanship	Western Bay Sheet Metal				Yes
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Roofing

1-003	Will have materials on site 6/9/03, work will begin 6/10/03. G-Force will be onsite to inspect materials and workmanship. Will use 1/4" Dens Deck around the roof drain areas. This will enhance the roof system by creating a sump thus draining more effectively. Evan asked if he could use a combination of 1/2" and 1/4" Dens Deck to do the job. John Bayardo mentioned that one sheet of 5/8" Dens Deck was called out in the specifications. The installation of the mechanical building roof would take approximately one day. Each trade will be supplying their own roof jacks. Note: All safety equipment per OSHA. (Fall protection, fire extinguishers)	Superior Roofing				Yes
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1-004	Note #1, roof subcontractor delivered half inch Dens Deck and was immediately notified. Subcontractor informed no work will start until proper material arrives onsite.	Superior Roofing				Yes
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ENCLOSURE ()

Meeting Minutes

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Item	Meeting Item Description	Resp	Status	Due Date	Compl'd	Cls'd
New Business						
1-005	Note #2, roof subcontractor was notified that the propane supply line on kettle is leaking. Subcontractor was told no work will begin until equipment is repaired.	Superior Roofing				Yes

Cc:	Company Name	Contact Name	Copies	Notes
	Soltek Pacific	Ben Bump	1	
	Superior Roofing Contractors	Evan Serpanos	1	
	G-Force	John Thompson	1	
	Soltek Pacific	John Bayardo	1	
	Soltek Pacific	Keith Moss	1	
	Soltek Pacific	Paul Cates	1	
	ROICC San Diego	Shannon Plummer	1	
	Western Bay Sheet Metal & Marine INC	Roy Lozano	1	

These minutes have been transcribed by Soltek Pacific's field representative and reflect their impressions of the issues discussed in the meeting. Should there be any objections to the content of this report, or should any participants discover mistakes, discrepancies or deficiencies herein, notify the writer within 8 calendar days of the date printed on this report; otherwise the content will be considered an accurate record of the meeting.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE **06-05-03**
REPORT NO **77**

PHASE CONTRACT NO **N68711-02-D-8013** CONTRACT TITLE **P-254 Bachelor Enlisted Quarters / 32nd Street Naval Station, San Diego, CA**

PREPARATORY	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #
	RF-110M	Installation of Mechanical Building roof membrane	

INITIAL	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	
	1-347	Neal Electric slab on grade east wing	
	F1220	Soltek Pacific stripped beam pockets for grout in Mechanical Building, grouted dowels, cut rebar and torch strands down to pile surface	
	F1240	G Force inspected reinforced concrete	
	S0065	DSI install sleeves and connect plumbing in building, excavate for building plumbing, fire and water service	
	F1225	PCS lay rebar in grade beams, dowels	
	1-310	JR Construction layout edge form, fabricate forms for footings, wall forms, pour footings and strip forms	
	S0100	Iron Horse Grading export footing spoils, hand pick trash out of spoils	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)	
Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

06.12.03
 AUTHORIZED QC MANAGER AT SITE DATE

GOVERNMENT QUALITY ASSURANCE REPORT DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

17 JUN 03
 GOVERNMENT QUALITY ASSURANCE MANAGER DATE

CONTRACTORS PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date: **06/04/03**

ct No.

Title and Location

Report No. **82 Amendment**

N68711-02-D-8013 DO #001

P-254 BEQ, Naval Station San Diego

Subcontractor

Superintendents

Soltek Pacific

Paul Cates, Keith Moss

AM Weather

PM Weather

Max Temp

*F

Min Temp

*F

Overcast

Overcast

70

65

WORK PERFORMED TODAY

WORK PERFORMED TODAY	EMPLOYER	NO.	TRADE	HOURS
Supervision	SOLTEK	1	Safety Officer	8
"	"	2	Superintendents	23
"	"	1	CQC	11.5
Pre-plan, some underground	NEAL ELECTRIC	1	Journeyman Wireman	8
"	"	1	Apprentice	
"	"	1	Utility Tech	
formed beam pockets for grout, dry pack for mech rm., grouted dowels, vacuuumed pile caps	SOLTEK F.O.	1	Journeyman mason	8
holes, cut rebar, site clean-up	"	3	labors	24
"	"	1	Carpenter App.	
"	RJ LANTHIER	1	foreman	
"	"	1	apprentice	
"	RBF ENGINEERING	2	surveyors	
"	"	1	chainman	
reinforced concrete inspection	G-FORCE	2	TECH	16
"	"	1	Project Eng./VP	
Install sleeves and connect plumbing in bldg. Q-A, excavate for bldg plumbing, fire and water service	DSI PLUMBING	1	Foreman	8
"	"	4	Plumber	32
"	"	1	Operator	8
"	"	2	Plumbing Apprentice	16
Chipping block	Cement Cutting Inc.	2	Laborer	8
"	"	3	Operator	
between 12-8 line, finish grade beam	PCS	6	Journeyman	48
"	"	1	Foreman	8
"	"	4	apprentice	32
layout/edge form, fab wall panels, form footing	JR CONSTRUCTION	1	Superintendent	8
pour footings/strip, operate forklift and crane	"	7	Journeyman Carpenter	60.5
"	"	5	laborer	46
"	"	2	operator	16.5
"	"	2	Carpenter apprentice	16.5
"	BURCH	3	Drywaller	
"	West Coast Iron Inc.	1	Ironworker	
"	"	1	helper	
"	Global Erection	1	Ironworker	
"	"	1	helper	
"	BRADSHAW	1	FIRESPRINKLER	

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? YES NO
 (If YES, attach copy of meeting minutes)

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES NO
 (If YES, attach copy of environmental OSHA report)

WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? YES NO
 (If YES, attach statement or checklist showing inspection performed)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? YES NO
 (If YES, attach description of incident and proposed action)

TOTAL WORK HOURS ON JOB SITE THIS DATE	406
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	14053.75
TOTAL HOURS FROM START OF CONSTRUCTION	14459.75

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

YES	SAFETY REQUIREMENTS HAVE BEEN MET
-----	-----------------------------------

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY.
 370.5 cy of concrete design mix 304090-4000 psi, fittings, pile cap/ grade beam 4-1 line, footings 12/Q line

NTS PWC picked up and returned scrap metal bin

Keith Moss
 SUPERINTENDENT

9-2-03
 DATE

ENCLOSURE (4)

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE **06-04-03**
 REPORT NO **76 Amendment**

PHASE CONTRACT NO **N68711-02-D-8013** CONTRACT TITLE **P-254 Bachelor Enlisted Quarters / 32nd Street Naval Station, San Diego, CA**

PREPARATORY	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

INITIAL	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	
	F1215	Cement Cutting chipped and saw cut concrete piles	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)	
Schedule Activity No.	Description
	Amendment to QC report #76 dated 06-04-03 due to the fact that the original subcontractors daily was incorrect on hours worked

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

AUTHORIZED QC MANAGER AT SITE 07.18.03
DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER 25 JUL 03
DATE

CONTRACTORS PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date: **06/03/03**

Contract No. N68711-02-D-8013 DO #001	Title and Location P-254 BEQ, Naval Station San Diego	Report No. 81 Amendment
Subcontractor Soltek Pacific	Superintendents Paul Cates, Keith Moss	

AM Weather Overcast	PM Weather Overcast	Max Temp 70	*F	Min Temp 65	*F
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WORK PERFORMED TODAY

WORK PERFORMED TODAY	EMPLOYER	NO.	TRADE	HOURS
Supervision	SOLTEK	1	Safety Officer	8
"	"	2	Superintendents	24
"	"	1	CQC	9.5
Pre-plan	NEAL ELECTRIC	1	Journeyman Wireman	8
"	"	1	Apprentice	
"	"	1	Utility Tech	
Grouted dowels, cut dowels with torch	SOLTEK F.O.	1	Journeyman	
"	"	1	mason	
"	"	3	labors	25
"	"	1	Carpenter App.	
Weekly meeting	RJ LANTIER	1	foreman	10
"	"	1	apprentice	
"	RBF ENGINEERING	2	surveyors	
"	"	1	chainman	
reinforced concrete inspection/compaction testing wall backfill	G-FORCE	2	TECH	16
Install sleeves and connect plumbing in bldg. Q-A, excavate for bldg plumbing, fire and water service	DSI PLUMBING	1	Foreman	8
"	"	3	Plumber	24
"	"	1	Operator	8
"	"	2	Plumbing Apprentice	16
Chipping block	Cement Cutting, Inc	2	Laborer	12
"	"	3	Operator	
tile and grade beam between 8-4 line,	PCS	8	Journeyman	63.5
dowels between 12-8 line. Finish wall	"	1	Foreman	
dowels M-13.	"	4	apprentice	32
form footings, fab Wall panels pour footings	JR CONSTRUCTION	1	Superintendent	8
backfill, operate crane and forklift	"	7	Journeyman Carpenter	58
"	"	5	labors	45.5
"	"	2	operator	17
"	"	2	Carpenter apprentice	16
"	BURCH	3	Drywall	
"	"			
"	West Coast Iron Inc	1	Ironworker	
"	"	1	helper	
"	Global Erection	1	Ironworker	
"	"	1	helper	
"	BRADSHAW	1	FIRESPRINKLER	

JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of meeting minutes)	TOTAL WORK HOURS ON JOB SITE THIS DATE	408.5
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of environmental OSHA report)	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	13642.25
	WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach statement or checklist showing inspection performed)	TOTAL HOURS FROM START OF CONSTRUCTION	14050.75
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach description of incident and proposed action)	YES <input type="checkbox"/> NO <input type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET	

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY.
 1" reinforced steel, nuclear gauge, fittings, wall dowels 12-8 line

NTS
 Keith Moss
 SUPERINTENDENT
 9-12-03
 DATE

ENCLOSURE

Item	Meeting Item Description	Resp	Status	Due Date	Compl'd	Cls'd
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adhering water proofing for the exterior elevator walls.
 Janene Christopher AIA has approved the materials.

New Business

- | | | | | | | |
|---------|---|--|--|--|--|----|
| 008-002 | <p>1. Plumbing:
 Shaposhnick has the second <u>water test results</u> forthcoming. The gas line installed west of the mechanical building still needs a <u>soils compaction test</u>. Jim has stated that he will re compact soil within a work week so testing will pass. The hydrostatic test on the 10" water main from the project to Norman Scott will be performed this Thursday. Time to be arranged.
 * Secondary air tests on first floor sewer systems will begin within a few days. During Mondays pour the 3" sewer sleeves were centered over the individual sewers.</p> <p>2. Concrete Piles:
 Inspection of concrete pile dowel installation is ongoing.</p> <p>3. Concrete foundation:
 Inspection and testing of all concrete placed is ongoing. Hamid Liaghat has released the concrete mix design #315093 and all Atlas concrete products</p> <p>4. Rebar:
 Inspection of all reinforcing steel is ongoing</p> <p>5. A 7 foot 5 inch gap exists between center to center of piles within the grade beam along the #5 grid line. Hamid Liaghat has been contacted and will be onsite to review options - today @ 1300</p> <p>6. Missing #5 floor dowels between grid lines R and V were identified and placed prior to the pour Monday</p> <p>7. A CMU grout cell void has been found just below the structural steel within the mechanical building. Dry pack or the Atlas flowable grout will be used to address it. - discuss w/ Hamid</p> <p>8. A continuous inspection was performed Monday as the metal deck was installed on the mechanical building. All work has passed.</p> <p>9. Inspections were performed on the elevator pit exterior walls waterproofing. All work has passed.</p> <p>10. Soils tests have been ongoing on the backfill and compaction on the exterior walls of the elevator pit area.</p> | | | | | No |
|---------|---|--|--|--|--|----|

Safety

- | | | | | | | |
|---------|--|--|--|--|--|----|
| 008-003 | <p>1.) Several violations of Fall Protection policy were witnessed. (JR Concrete, West Coast Steel). Reminder that ANY worker at or above 6' MUST be tied off.</p> <p>2.) MSDS are not being brought to Safety Manager.</p> <p>2.) Notice of Non-Compliance was issued for poor excavation safety. Two employees were fired for this.</p> <p>4.) Operator was observed operating Bobcat in a dangerous manner. Please remind all operators to use caution when operating equipment. It is a privilege to operate equipment, not a right.</p> <p>5.) Safety meeting records, equipment checklists are due weekly.</p> | | | | | No |
|---------|--|--|--|--|--|----|

Meeting Minutes

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Item	Meeting Item Description	Resp	Status	Due Date	Compl'd	Cls'd
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New Business

- 6.) Suggested topics for subcontractor safety meetings can come from this agenda.
- 7.) Clean-up trash, litter, waste, scrap and materials. Dumpsters are now on site. Lunch litter is still a problem.
- 8.) Smoking allowed in designated areas.

Safety Record

008-004	1.) One injury, (hand laceration), PCS employee reported for last week. 2.) Two employees terminated for unsafe acts last week. 3.) One employee received warning for unsafe act. 4.) Report all injuries and accidents to Cody (619) 855-0128 immediately.					No
---------	--	--	--	--	--	----

008-005						No
---------	--	--	--	--	--	----

Cc	Company Name	Contact Name	Copies	Notes
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	ROICC San Diego	Shannon Plummer	1	
	Soltek Pacific	John Bayardo	1	
	Soltek Pacific	Ben Bump	1	
	Soltek Pacific	Keith Moss	1	
	Soltek Pacific	Paul Cates	1	
	Soltek Pacific	S. Cody	1	

Production Report
P-254 Design Build Hi-Rise BEQ
N68711-02-D-8013 DO #001

Mechanical Building

1. Neal Electric –Panels & gear in electrical room.
2. Soltek Pacific –Fill beam block-out by 6/5/03.
3. DSI – Need to install insulated pipe.
4. WCI- Roof deck completed 6/2/03.
5. Superior Roofing – Tentative schedule is Monday 6/9/03

BEQ

1. JR Concrete –Excavation of footings complete, Backfilling of elevator pit in progress. Poured first half of grade beams on east wing 6/2/03 will complete 6/4/03. Start backfilling of grade beams for SOG.
2. Neal –Start conduits in slab & below slab.
3. DSI – Completing U/G @ w-wing.
4. Soltek Pacific- Grouting dowels, chipping piles.
5. PCS – Steel in footings.

Site

1. DSI- Water main at Norman Scott has been installed need to pressure test, gas line Has been installed from north wing to mechanical building, Working with SDG&E for location of POC on mainline in Main street and schedule to install. Need to start sewer and storm drain on south side of north wing. Need to complete backfilling and relocation of spoils
2. Neal – No activity.

ENCLOSURE (
NOON 11/01

Meeting Minutes

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Job 472-B.E.Q.s Naval Station S.D., CA (P-254) Project # N68711-02-D-8013, T.O. #0001
 Tel: (619) 296-6247 Fax: (619) 296-0730

Coordination Meeting Meeting 5

Date	Start	End	Next Meeting	Next Time	Prepared By	Company
5/27/2003	08:00 AM	09:00 AM	6/3/2003	08:00 AM	Paul Cates	Soltek Pacific

Purpose	Location	Next Location	General Notes
Foreman Coordination	Soltek Job Trailer	Soltek Job Trailer	

<p>Attended By</p> <p>Soltek Pacific - Paul Cates Soltek Pacific - Keith Moss Soltek Pacific - Ben Bump David Shaposhnick INC - James Christie Neal Electric - Will Coyle Pacific Coast Steel INC - Ron Dorr ROICC San Diego - Shannon Plummer Soltek Pacific - John Bayardo Soltek Pacific - Steve Cody</p>	<p>Non-Attendees</p>
---	-----------------------------

Item Meeting Item Description	Resp	Status	Due Date	Compl'd	Cls'd
Old Business					

Fire tanks		<i>design confirmed</i>			
003-003 The fire tank design has not been completed. More information regarding the fire tank will be provided later this week.	FYI				No

Living unit mock-up		<i>doors, lighting & switch locations</i>			<i>TBD</i>
003-009 The Navy has requested that the living unit mock-up be completed by next week. Answers to electrical questions and metal framing moved at doors and ceiling lights. Plumbing waste will be changed to copper.	All Subs				No

Site Safety					
004-001 New Business	All Subs				No
<ol style="list-style-type: none"> 1. Excavations are being dug without proper shoring, sloping and benching. 2. Backfill all excavations and trenches as soon as possible. 3. PPE's are not being worn consistently. 4. Seat belts need to worn on all equipment at all times. 5. Clean up trash, litter, waste, scrap and materials. Dumpsters are now on site. 6. Smoking allowed in designated areas only! 7. Non-compliance notice was issued for damaged hardhat. 					
<p>Safety Record</p> <ol style="list-style-type: none"> 1. Non-compliance for safety will be dealt with by removal from site permanently! 					

ENCLOSURE ()

Meeting Minutes

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Item Meeting Item Description Resp Status Due Date Compl'd Cls'd

Old Business

- 2. No injuries, accidents reported for last week.
- 3. Report all injuries to Cody (619) 855-0128.

Pour Schedule

004-002 JR Concrete issued a 3 week 'Look-ahead' concrete pour schedule for first floor footings at East and North wings. (Neal and DSI have requested their time also be shown on the "Look Ahead" schedule)

JR Construction On-going

*see sched
to update north
footings 11/10/03*

Production Report

004-003 Mechanical Bldg
 1. Neal Electric- panels in the electric room
 2. Soltek Pacific-equipment pads complete, dry packing of embeds to be completed 5/20
 3. DSI-insulated pipe will be installed after BEQ footing are poured
 4. WCI-install beams and deck, to be scheduled

All Subs

*X overall sched
will be
updated w/ JR's*

Yes

BEQ

- 1. JR Concrete-pouring GB3 and GB3A 5/20, excavating footings
- 2. Neal-mock up
- 3. DSI-completing U/G at West wing
- 4. Soltek-grouting dowels, chipping piles
- 5. PCS-steel in footings

Site

- 1. DSI-continue with sewer and storm drain on West side, water main at Norman Scott, and gas line. Need to start sewer and storm drain on South side of West wing
- 2. Neal-underground conduit complete.

Shoring Plan

004-004 JR Concrete submitted a shoring plan, the plan is being revised and a new submittal will be coming this week. The plan includes reshoring of each floor after shoring is removed. JRC requests that all subs layout/ install all deck embedded anchors and pans when decks are ready for rebar.

JR Construction On-going

No

Sewer and Storm drain

004-005 DSI has removed one backhoe from the site. The sewer and storm drain from the center core to the West wing may be delayed for about one week. DSI will continue footing excavation for North wing at JRC request. DSI and JRC will walk the storm drain P.O.C. 5/20 to determine area where materials need to be removed. (Water line complete 5/27/03, start sewer and storm drain 6/2/03 on the south side of the East wing)

JR Construction, DSI On-going

No

Fire Pump

004-006 DSI requested more information from Bradshaw Eng. on the fire pump layout. Paul Cates will provide information 5/20. DSI would like to verify grade beam layout. (Neal needs layout of fire pumps.)

Soltek, Paul Cates On-going

No

Rebar

004-007 PCS wants verification that link beams and zone rebar will fit in the perimeter walls. The rebar is detailed for 11" walls and should be fine according to Ben Bump, project engineer. PCS added, the wall and column steel rises to

PCS, Soltek Pacific

Yes

ENCLOSURE ()

Meeting Minutes
Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Item	Meeting	Item Description	Resp	Status	Due Date	Compl'd	Cls'd
Old Business							
		32" above first floor in all walls. Until forms are removed there's very little access to first floor area. All subs need to complete their first floor work immediately after the first floor slab-on-grade is poured.					
Mech Bldg Roof and Deck							
004-008		Roof and metal deck for the mechanical bldg has been submitted for record. The deck will be installed in the first week in June and requires mech and plumbing penetration coordination. (roofing starts 6/9/03 and broiler package will be delivered 6/13/03)		FYI			No
Conduit							
004-009		Neal Electric installed 2"+ conduit below the Visqueen. All smaller conduits will be placed over bottom layer of rebar first floor slab. NEE will provide the coordinate drawings showing their conduits, lighting and cable trays for all subs to review. NEE requested submittal for all plumbing and mech equipment requiring electrical connections. (Skid pkg. layout has been received, copies will be given to DSI and Neal Electric)		All Subs			No
Wall forms							
004-010		JR Concrete stated that the first floor slab edge forms are 12" high. The wall forms will be placed after the first floor pour and will move up the bldg in the same location. The interior forms will be removed and stored at the tower crane base until completion of the deck pours. JR will provide block out and rebar requirements for placing the boom at two locations.		FYI, JR Construction			Yes
First Floor Dowels							
004-011		PCS said all first floor dowels stub up to 8'0" above first floor. After exterior wall forms are installed the next lift is 3'0" (up to the top of the link beams/ third floor). PCS requests blockout information on placing the boom. Reveal 3/4" horizontals at link beams, reduce wall to 11", will verify details clear the 11".		Pacific Coast Steel, JR Construction			Yes
RFC Log							
004-012		All RFC's submitted by PCS have been answered.		FYI			Yes

Item	Meeting	Item Description	Resp	Status	Due Date	Compl'd	Cls'd
New Business							
Safety							
005-001		General safety issues were discussed by Steve Cody. Issues included; crane safety, trench shoring and back filling, safety glasses, dust control and trash control.		Steve Cody			No
Neal Electric							
005-002		Neal Electric requested elevation of exterior lights. The architect confirmed a 9'-6" to center line above finish floor for exterior lights. Will Coyle requested that Neal Electric be scheduled 2 days per wing for conduits in concrete floors.		Neal Electric			No

David Shaposhnick

ENCLOSURE ()

Meeting Minutes

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Item	Meeting Item Description	Resp	Status	Due Date	Compl'd	Cls'd
New Business						
005-003	DSI requires 2 days per wing to complete first floor under slab plumbing after removal of templates for pile caps and grade beams.	DSI				No
Pacific Coast Steel						
005-004	PCS requests 3 days after slabs are poured to complete perimeter walls, shearwall and columns. PCS intends to prefab all perimeter wall rebar in 30' segments. Ron requires the area 28' west of east wing for prefabrication, Soltek to verify. Rebar for the east wing wills is scheduled for delivery June 9. Standard coordination of concrete deck pours include time for shoring electric and plumbing layout and sleeve placement prior to rebar installation. Additional rebar is required for the large fire water and domestic water pipe sleeves.	Pacific Coast Steel, Soltek				No
Neal Electric						
005-005	Neal Electric has supplied a typical room and corridor elevation drawing for subcontractor coordination. Other trades are required to complete layout of their installation. Will expressed concerns about Neal's time shown on the schedule for their installation. Will requests electrical information for all appliances and equipment supplies by the government.	Neal Electric				No

Cc:	Company Name	Contact Name	Copies	Notes
	Soltek Pacific	Ben Bump	1	
	ROICC San Diego	Shannon Plummer	1	
	Soltek Pacific	John Bayardo	1	
	Soltek Pacific	S. Cody	1	
	David Shaposhnick INC	James Christie	1	
	Soltek Pacific	Keith Moss	1	
	Soltek Pacific	Paul Cates	1	
	Neal Electric	Will Coyle	1	
	Pacific Coast Steel INC	Ron Dorr	1	

These minutes have been transcribed by Soltek Pacific's field representative and reflect their impressions of the issues discussed in the meeting. Should there be any objections to the content of this report, or should any participants discover mistakes, discrepancies or deficiencies herein, notify the writer within 8 calender days of the date printed on this report; otherwise the content will be considered an accurate record of the meeting.

ACTIVITY ID DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	2003																
				MAY	JUN	JUL	AUG	SEP	OCT	NOV										
S0114 Install Site Sewer	0	21MAY03	30MAY03																	
S0112 Install Storm Drain System	2	28MAY03	31JUN03																	
1-345 Rebar SOG @ E & Core	4	1MAY03A	12JUN03																	
1-343 Electrical U/G @ E & Core	1	1MAY03A	2JUN03																	
1-342 Plumbing U/G @ E & Core	2	5MAY03A	4JUN03																	
1-344 Sand & Visqueen SOG E & Core	3	9MAY03A	11JUN03																	
SE113 Install Gas Line	1	15MAY03A	2JUN03																	
1-346 Plumbing U/G @ No	1	16MAY03A	2JUN03																	
1-301 Screeds SOG @ E & Core	4	22MAY03A	12JUN03																	
1-300 One Side Wall Forms 1-E & Core	2	23MAY03A	17JUN03																	
1-310 Rebar Walls & Cols 1-E & Core	4	23MAY03A	23JUN03																	
F1235 Install Dowels for Walls & Col	2	23MAY03A	4JUN03																	
F2225 Reinforcing Stl at Pile Caps & Grout Dowels at Piles - No Wl	6	25MAY03A	30MAY03																	
F2220 Grout Dowels at Piles - No Wl	0	25MAY03A	30MAY03																	
F1240 Pour Pile Caps & Gr Bms - E Wl	0	25JUN03A	4JUN03																	
F2230 Templates for Dowels @ Gr Bms	2	25JUN03	3JUN03																	
S0111 Install U/G Hydronic Piping	1	25JUN03	2JUN03																	
1-347 Electrical U/G @ No	5	30JUN03	9JUN03																	
F1245 Strip Templates & Sandblast Re	2	5JUN03	6JUN03																	
F2235 Install Dowels for Walls & Col	4	10JUN03	13JUN03																	
1-303 Pour SOG @ E & Core	1	13JUN03	13JUN03																	
F2240 Pour Pile Caps & Gr Bms - No W	1	16JUN03	16JUN03																	
1-348 Sand & Visqueen SOG @ No	2	17JUN03	18JUN03																	
F2245 Strip Templates & Sandblast Re	1	17JUN03	17JUN03																	
1-349 Rebar SOG @ North	2	19JUN03	20JUN03																	
1-305 Screeds & Templates @ No	2	23JUN03	24JUN03																	
1-320 Buton UP Walls & Columns 1-E	2	24JUN03	25JUN03																	
1-307 Pour SOG @ No	1	25JUN03	25JUN03																	
1-330 Pour Walls & Columns 1-E & Cor	1	26JUN03	26JUN03																	

-proposing 11th
-proposing 20th

F2240 Pour Pile Caps & Gr Bms - No Wl
1-348 Sand & Visqueen SOG @ No
F2245 Strip Templates & Sandblast Rebar - No Wl
1-349 Rebar SOG @ North

2003
JUN
11
12
13
14
15
16
17
18
19
20
21



Tuesday 6-3-03

New Business- Safety

Topic: Weekly Site Safety Issues by S.Cody- Soltek Pacific Safety Manager

- 1.) Several violations of Fall Protection policy were witnessed. (JR Concrete, West Coast Steel). Reminder that ANY worker at or above 6' MUST be tied off.
- 2.) MSDS are not being brought to Safety Manager.
- 2.) Notice of Non-Compliance was issued for poor excavation safety. Two employees were fired for this.
- 4.) Operator was observed operating Bobcat in a dangerous manner. Please remind all operators to use caution when operating equipment. It is a privilege to operate equipment, not a right.
- 5.) Safety meeting records, equipment checklists are due weekly.
- 6.) Suggested topics for subcontractor safety meetings can come from this agenda.
- 7.) Clean-up trash, litter, waste, scrap and materials. Dumpsters are now on site. Lunch litter is still a problem.
- 8.) Smoking allowed in designated areas.
- 9.)

Old Business- Safety

Topic: Safety Record

- 1.) One injury, (hand laceration), PCS employee reported for last week.
- 3.) Two employees terminated for unsafe acts last week.
- 4.) One employee received warning for unsafe act.
- 5.) Report all injuries and accidents to Cody (619) 855-0128 immediately.
- 6.)

ENCLOSURE ()

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE **06-03-03**
REPORT NO **75 Amendment**

PHASE CONTRACT NO **N68711-02-D-8013** CONTRACT TITLE **P-254 Bachelor Enlisted Quarters / 32nd Street Naval Station, San Diego, CA**

PREPARATORY	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

INITIAL	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	
	F1215	Cement Cutting Inc. chipping / cutting piles	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS).		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)	
Schedule Activity No.	Description
	Amendment to QC report #75 dated 06-03-03 due to the fact that the original daily was incorrect in total hours worked

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

07.19.03
AUTHORIZED QC MANAGER AT SITE DATE

GOVERNMENT QUALITY ASSURANCE REPORT DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

29 JUL 03
GOVERNMENT QUALITY ASSURANCE MANAGER DATE

ENCLOSURE ()

CONTRACTORS PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date: **06/02/03**

Contract No. 11-02-D-8013 DO #001	Title and Location P-254 BEQ, Naval Station San Diego	Report No. 80
Subcontractor Soltek Pacific		Superintendents Paul Cates, Keith Moss
AM Weather Overcast	PM Weather Overcast	Max Temp *F 70
		Min Temp *F 65

WORK PERFORMED TODAY

WORK PERFORMED TODAY	EMPLOYER	NO.	TRADE	HOURS
Supervision	SOLTEK	1	Safety Officer	8
"	"	2	Superintendents	23
		1	CQC	11.5
Pre-plan	NEAL-ELECTRIC	1	Journeyman Wireman	8
		1	Apprentice	
		1	Utility Tech	
Grouted dowels, vacuumed pile cap holes, torched strands, water control, site clean-up	SOLTEK F.O.	1	Journeyman	
		1	mason	
		4	labors	32
		1	Carpenter App.	
	RJ LANTHIER	1	foreman	
		1	apprentice	
	RBF ENGINEERING	2	surveyors	
		1	chainman	
concrete inspection and sample high strength	G-FORCE	3	TECH	26.75
grouting op, structural steel/welding insp, wall backfill, compaction testing		1	Project Eng/VP	
Footing pour W-Q, install sleeves and connect	DSI PLUMBING	1	Foreman	8
plumbing in bldg., install, backfill gas and water to mech. Bldg.		2	Plumber	16
		1	Operator	8
		1	Plumbing Apprentice	8
Saw cut 7 pile caps, chipped down 6" (5) pile caps	Cement Cutting, Inc.	2	Laborer	16
		3	Operator	
between H-M line, finish grade beams	PCS	7	Journeyman	56
		1	Foreman	8
		4	apprentice	32
form footings, fab Wall panels, pour footings, backfill, operate crane	JR CONSTRUCTION	1	Superintendent	8
		7	Journeyman Carpenter	59
		5	labor	52.5
		2	Crane Operator	16
		2	Carpenter/apprentice	16.5
	BURCH	3	Drywall	
welded deck	West Coast Iron Inc.	1	Ironworker	6
		1	helper	
welded deck	Global Erection	1	Ironworker	6
		1	helper	
	BRADSHAW	1	FIRESPRINKLER	

JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of meeting minutes)	TOTAL WORK HOURS ON JOB SITE THIS DATE	425.25
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of environmental OSHA report)	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	132.17
	WAS TRENCING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach statement or checklist showing inspection performed)	TOTAL HOURS FROM START OF CONSTRUCTION	13642.25
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach description of incident and proposed action)	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	YES <input type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET <input type="checkbox"/>
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB			

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY.
 2 loads reinforced steel, concrete mix design 304090-4000psi, fittings, wall dowels M-H, pile cap grade beams 8-4 line, footings Q-W

COMMENTS

Keith Moss
 SUPERINTENDENT

DATE **6-10-03**

ENCLOSURE ()

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 06-02-03

REPORT NO 74

PHASE CONTRACT NO N68711-02-D-8013 CONTRACT TITLE P-254 Bachelor Enlisted Quarters / 32nd Street Naval Station, San Diego, CA

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PERFORMED TODAY? YES NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES NO

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES NO

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
1-347	Neal Electric pre plan
F1220	Soltek Pacific grouted dowels, clean up site, cut rebar and torch strands down to pile surface, water site for dust control
F1240	G Force inspected reinforced concrete, sample high psi grout mix for dowels
SO065	DSI install sleeves and connect plumbing in building, install, backfill gas and water lines to mechanical building
F1215	Cement Cutting Inc. saw cut 7 piles
F1225	PCS lay rebar in grade beams
1-310	JR Construction fabricate forms for footings, wall forms, pour footings and backfill

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.


06.12.03
 AUTHORIZED QC MANAGER AT SITE DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description


 GOVERNMENT QUALITY ASSURANCE MANAGER 17 JUN 03
DATE

Production Report
P-254 Design Build Hi-Rise BEQ
N68711-02-D-8013 DO #001

Mechanical Building

1. Neal Electric – Outage Monday went as planed.
2. Crown Fence- Installing chain link fence today.
3. Soltek Pacific –, Needs to pour equipment pads
4. Schwartz- Laying cmu, grouted second lift, working on final lift.
5. DSI – Underground completed or sanded for future installation

BEQ

1. RES will be completed Wednesday.
2. JR Concrete started elevator pit, will pour today.
3. Neal to completed electrical run from Mechanical Bldg to electrical room on Saturday.
4. DSI – Starting UG @ bldg pad
5. Soltek Pacific- Grouting dowels.
6. PCS – Steel in footings @ elevator pit.

Site

1. DSI- finished storm and sewer N & E side of bldg, starting S & W side.
2. Neal – Under ground main 99%

JR TO START EXCAVATION ON SOUTH WING
(2 MAY) → ~ 9 DAYS FOR ENTIRE WING

CONTRACTORS PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date: **05/07/03**

Contract No. 1-02-D-8013 DO #001	Title and Location P-254 BEQ, Naval Station San Diego	Report No. 62
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Contractor Soltek Pacific	Superintendents Paul Cates, Keith Moss
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AM Weather Overcast	PM Weather Overcast	Max Temp *F 65	Min Temp *F 55
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WORK PERFORMED TODAY

WORK PERFORMED TODAY	EMPLOYER	NO.	TRADE	HOURS
Supervision	SOLTEK	1	Safety Officer	8
"	"	2	Superintendents	19.5
"	"	1	CQC	9
Underground duct bank from Mech. Bldg to Main	NEAL ELECTRIC	2	Journeyman Wireman	15
Elect. Room M-line to H-line	"	1	Apprentice	8
"	"	1	Utility Tech	4
Removing and digging spoils for RES, chipping concrete columns	SOLTEK F.O.	1	Foreman	6
"	"	1	Carpenter	6
Install ledgers	"	3	labors	24
"	"	1	Journeyman Carpenter	
"	"	1	Carpenter Apprentice	
"	"	1	mason apprentice	
Installing duct, exhaust, fresh air, and dryer	RJ LANTHIER	1	foreman	8
"	"	1	apprentice	
staked sewer & storm drain, corrected grid lines	RBF ENGINEERING	2	surveyors	16
"	"	1	chainman	
pile driving, operations, masonry inspection, sand cone, RC testing, elect. trench	G-FORCE	3	TECH	19.75
"	"	1	Project Eng/VP	
Flush 10" water main loop, plumbing excavations inside bldg, E-wing, Grid R-Q. Excavate and install 12" S-storm drain. Install backflow preventors, slurry POC and Storm Drain SW corner.	DSI PLUMBING	1	Foreman	8
"	"	4	Plumber	31
"	"	1	Operator	8
"	"	3	Plumbing Apprentice	24
Drove last 8 piles, break down rig	RE-STAITE ENG	1	PD FOREMAN	8.5
"	"	1	Operator	8.5
"	"	3	PD	25.5
"	"	3	Mechanic	
Elevator pit slab and walls	PCS	3	Journeyman	24
"	"	1	Foreman	8
"	"	1	apprentice	
Office	JR CONSTRUCTION	1	Superintendent	8
form for S.O.G.	"	2	Journeyman Carpenter	11.5
"	"	2	labor	12.5
"	"	1	Carpenter apprentice	8
"	BURCH	1	Drywall	
Frame and stretch chain link hang gate	CROWN FENCE	1	foreman	8
"	"	1	helper	8
Lay block	SCHWARZ MASONRY	5	Bricklayer	40
"	"	1	Bricklayer apprentice	
"	"	4	mason tender	32
"	BRADSHAW	1	FIRESPRINKLER	

JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of meeting minutes)	TOTAL WORK HOURS ON JOB SITE THIS DATE	416.75
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach copy of environmental OSHA report)	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	8521.25
	WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach statement or checklist showing inspection performed)	TOTAL HOURS FROM START OF CONSTRUCTION	8938
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, attach description of incident and proposed action)	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB fittings

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY.
 L: crane, Delmag hammer spotter leads, 2 Pettibones, 3 backhoes, bobcat, water truck

CO: TS: Keith Moss
SUPERINTENDENT

[Signature]
DATE **5/8/03**

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 05-07-03

REPORT NO 55

PHASE CONTRACT NO N68711-02-D-8013 CONTRACT TITLE P-254 Bachelor Enlisted Quarters / 32nd Street Naval Station, San Diego, CA

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PERFORMED TODAY? YES NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES NO

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES NO

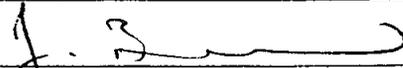
Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
1-347	Neal Electric underground duct bank from mechanical building to main electrical room M line to H line
F1215 - S0155	G Force inspector onsite to observe blow counts on concrete pile installation, masonry inspection, sand cone RC testing, electrical trench
F1215	RE Staite drove 8 concrete piles.
S0114 - S0065	DSI Plumbing flushed 10" water main loop, plumbing excavation within east wing, excavate and install 12" storm drain, install backflow preventers, slurry POC / storm drain
F1210	JR Construction form for elevator SOG
S0155	Schwartz Masonry lay block
F1225	Pacific Coast Steel lay rebar in elevator slab and walls
S0175	Crown Fence framed, stretched fence, hung gate
F1235-S0155	Soltek Pacific layout for installing ledgers, removed dirt for PCS and RE Staite, chipped concrete piles to appropriate elevation
	RJ Lanthier installed exhaust, fresh air, and dryer vents in mock up

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.


 AUTHORIZED QC MANAGER AT SITE

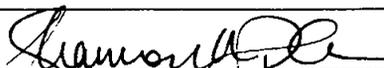
05-19-03
DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description


 GOVERNMENT QUALITY ASSURANCE MANAGER

20 MAY 03
DATE

CONTRACTORS PRODUCTION REPORT
(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Date: **05/06/03**

Contract No.
1-02-D-8013 DO #001

Title and Location
P-254 BEQ, Naval Station San Diego

Report No. **61 Amendment**

Contractor
Soltek Pacific

Superintendents
Paul Cates, Keith Moss

AM Weather Overcast	PM Weather Overcast	Max Temp 70	*F	Min Temp 55	*F
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WORK PERFORMED TODAY

WORK PERFORMED TODAY	EMPLOYER	NO.	TRADE	HOURS
Supervision	SOLTEK	1	Safety Officer	8
	"	2	Superintendents	20.5
	"	1	CQC	11
Pre-planning of job and QC meeting	NEAL ELECTRIC	2	Journeyman Wireman	12
	"	1	Apprentice	
	"	1	Utility Tech	
Layout for ledgers; embed preping (drill 1/4" hole in ledgers); Set grout and dowels, removed dirt for PCS; chipped concrete columns	SOLTEK F.O.	1	Foreman	6
	"	4	Mason	
	"	4	labors	25.5
	"	1	Journeyman Carpenter	
	"	1	Carpenter Apprentice	
	"	1	mason apprentice	
	RJ LANTHIER	1	foreman	
	"	1	apprentice	
staked storm drain; corrected gnd. lines	IRBE ENGINEERING	2	surveyors	16
	"	1	chainman	
pile driving operations; reinforced concrete insp	G.FORGE	3	TECH	24.6
masonry insp	"	1	Project Eng/VP	15
Add valve to W fire hydrant. Plumbing excavations inside bldg. East wing. Grid W-R. Excavate and install 12" S-storm drain. Backflow preventors	DSI PLUMBING	1	Foreman	6
	"	4	Plumber	29.5
	"	1	Operator	8
NOTE: Grid layout dimensions not to plans, this will impact out performance	"	3	Plumbing Apprentice	24
drove piles	RE STAITE ENG	1	PD FOREMAN	10.5
NOTE: Hit obst. On pile #1221, about 5' down, drill thru unsuccessfully. Hit 2 more obst	"	1	Operator	10.5
NOTE: Hit 7' cap on line 1 at same depth (5')	"	3	PD	31.5
elev pit beam, wall dowels. Added beam dug improperly, Soltek fix again. Had to pull off until 9:30 and work 5 hours overtime.	PCS	3	Mechanic	25.5
	"	1	Foreman	8.5
	"	1	apprentice	
Office	JR CONSTRUCTION	1	Superintendent	8
Steel template pour footings	"	2	Journeyman Carpenter	9
	"	2	labor	16
	"	1	Carpenter apprentice	
	BURCH	1	Drywaller	
Frame and stretch chain link	CROWN FENCE	1	foreman	8
	"	1	helper	8
Lay block	SCHWARTZ MASONRY	2	Bricklayer	32
	"	1	Bricklayer apprentice	2
	"	1	mason tender	32
	BRADSHAW	1	FIRESPRINKLER	

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? YES NO
(If YES, attach copy of meeting minutes)

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES NO
(If YES, attach copy of environmental OSHA report)

WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? YES NO
(If YES, attach statement or checklist showing inspection performed)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? YES NO
(If YES, attach description of incident and proposed action)

TOTAL WORK HOURS ON JOB SITE THIS DATE	392
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	8128.25
TOTAL HOURS FROM START OF CONSTRUCTION	8520.25

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

YES	SAFETY REQUIREMENTS HAVE BEEN MET
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EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB
3 piles, fittings, concrete mix design #304090-400psi

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY.
crane, Delmag hammer spotter leads, 2 Pettibones, 3 backhoes, bobcat, water truck

KEYS

Keith Moss
SUPERINTENDENT

7-24-03
DATE

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE **05-06-03**
REPORT NO **54**

PHASE CONTRACT NO **N68711-02-D-8013** CONTRACT TITLE **P-254 Bachelor Enlisted Quarters / 32nd Street Naval Station, San Diego, CA**

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES NO
IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PERFORMED TODAY? YES NO
IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES NO
WORK COMPLIES WITH SAFETY REQUIREMENTS? YES NO

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
1-347	Neal Electric preplanning of job and QC meeting
F1215 - S0155	G Force inspector onsite to observe blow counts on concrete pile installation, reinforced concrete and masonry inspection
F1215	RE Staite drove 18 concrete piles. Ran into 3 obstructions approximately five feet down.
S0114 - S0065	DSI Plumbing added valve to west hydrant, plumbing excavation inside building on east wing, excavate and install 12" storm drain, install back flow preventors
F1210	JR Construction steel template and pour footings
S0155	Schwartz Masonry lay block
F1225	Pacific Coast Steel lay rebar in added beam
S0175	Crown Fence framed and stretched fence
F1235-S0155	Soltek Pacific layout for ledgers, embed prepping, set grout and dowels, removed dirt for PCS and chipped concrete piles to appropriate elevation

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

AUTHORIZED QC MANAGER AT SITE

05.19.03
DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER

20 MAY 03
DATE

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE **04-23-03**
REPORT NO **43**

PHASE CONTRACT NO **N68711-02-D-8013** CONTRACT TITLE **P-254 Bachelor Enlisted Quarters / 32nd Street Naval Station, San Diego, CA**

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES NO
 IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PERFORMED TODAY? YES NO
 IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES NO
 WORK COMPLIES WITH SAFETY REQUIREMENTS? YES NO

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
	Cloudy A.M./ Clear P.M.
S0114	DSI- Excavate for sewer main
SE-115	Neal Electric reworking conduits at slab on grade for rebar in Mech. Bldg.
SE-130	Neal Electric megger tested ground rod at tower crane, written report to follow
F1215	RE Staite drove 24 piles
F1215	G Force inspector onsite, observed soils, pile blows and rebar
1-300	JR Construction layout, wall block outs
1-300	Pacific Coast Steel installs rebar for Mech. Bldg
	Burch Construction Build up walls for mock-up

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge - except as noted in this report.

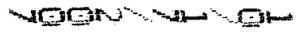

 AUTHORIZED QC MANAGER AT SITE 05.05.03
 DATE

GOVERNMENT QUALITY ASSURANCE REPORT DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description


 GOVERNMENT QUALITY ASSURANCE MANAGER 05 MAY 03
 DATE





New Business

Topic: Weekly Safety Topics by S.Cody- Soltek Pacific Safety Manager

1. Minimum Personal Protective Equipment to be used on site:
 - Hardhat
 - Vest - *working around equipment*
 - Safety glasses - *as necessary*
 - Work boots- no tennis shoes
 - Long pants- no shorts
 - Hearing protection- as necessary
 - Hand protection- as necessary
2. Report all injuries and accidents immediately to Cody (619-855-0128) & your supervisor.
3. Operators of forklifts shall have proof of forklift training.
4. Traffic Flaggers shall have proof of training.
5. Parking for site personnel is on the street!
6. Housekeeping is a constant issue, clean up all trash, cans, bottles, paper, dunnage, and packing material, etc.
7. Bring or obtain an MSDS for all materials brought on site.
8. Extension cords continue to be used across vehicle traffic areas. Protect or remove them.

New Business-

Topic: Safety Record

Weekly BBQ will continue as long as there are no injuries/accidents!

New Business

Topic: Progress Schedule Keith and Paul



New Business

Topic: Inspections / Submittals

G Force continues to perform daily pile installation reports along with soils testing for all trench work.

QC Submittal review: Water main steel tapping sleeves, Mechanical Building concrete mix design, Mechanical Building CMU.

Structural Engineer review: pile cap shop drawings, Mechanical Building yard, pile dowel shop drawings, concrete mix design, concrete admixtures

ROICC review:

Meeting Minutes

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Job 472-B.E.Q.s Naval Station S.D., CA (P-254) **Project # N68711-02-D-8013, T.O. #0001.**
 Tel: (619) 296-6247 Fax: (619) 296-0730

QC Meeting Meeting 2

Date	Start	End	Next Meeting	Next Time	Prepared By	Company
4/15/2003	09:00 AM	09:30 AM	4/22/2003	09:00 AM	John Bayardo	Soltek Pacific

Purpose	Location	Next Location	General Notes
Weekly QC Meeting	Soltek Trailer	Soltek Trailer	

Attended By **Non-Attendees**

- J.R. Construction, Inc. - Jesse Ortega
 R.E. Staite Engineering, Inc. - John Drake
 Neal Electric - Philip Linzey
 David Shaposhnick INC - James Christie
 Southwest Division - Southbay Area Focus Team - Shannon Plummer
 Soltek Pacific - Carl Spiron
 Soltek Pacific - John Bayardo
 Soltek Pacific - Ben Bump
 West Coast Countertops, INC - Bert Schulz
 West Coast Countertops, INC - Herman Kopf
 Soltek Pacific - Steve Cody
 Soltek Pacific - Paul Cates

Item	Meeting	Item Description	Resp	Status	Due Date	Compl'd	Cls'd
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Old Business

Normal work hours and days

001-001		6:30am-3:00pm M-F, John Drake from RE Staite indicated that they would consider starting at 6:30am	All Subs				No
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Saturday Work

001-002		Notify Soltek by noon, Wednesday prior to any Saturday work	All Subs				No
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Request for late work days

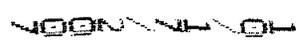
001-003		24 hour notice required for all requests for late work days (beyond 5pm). Jesse Ortega with JR Construction will typically be working past 5pm	Jesse Ortega (JRC)				No
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Testing and Inspections

001-004		48 hour notice required for all testing and inspections	All Subs				No
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Off-Site Work

001-005		Off-site work to be preceded by 2 week notice to contracting officer	All Subs				No
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New Business

Topic: Safety / Carl's sheet

1. Crane Inspections: The PWC center inspector prior to their use on site must inspect all Cranes. Includes truck-mounted cranes that deliver and set shoring, concrete vaults, or related equipment.
2. Temporary Service Power Cables: Temporary Power cables must be protected from heavy traffic or equipment. Fed-OSHA Regulation 1926.408(a)(4)(ii)(c). Fine is considered serious.
3. No Smoking allowed on except in designated areas.
4. Saw Guards: All saw must have operational guards in place. Any Employee using a saw with out an operational guard, or the guard has been intentionally disabled will be subject to permanent removal from this job. This is specified in EM383 1.1 and Fed-OSHA 1917.151 machine Guarding which includes Saws and Grinders. The fine is considered serious.
5. SWPPP: One of the major BMP's (Best Management Practice) for this project is the management of Concrete wash out on site. The EPA fine for this activity is \$50,000 per day for the potential pollution of the site and the Storm Water System. A concrete truck was observed washing out onto the dirt spoils pile yesterday.

New Business — parking of site
 — Steve Coody taking over for Carl — Contx inspections
 Topic: Progress Schedule Keith and Paul housekeeping
 — hydro-test w/ Sam Escalante recycling
 — tie in w/ Leonard

New Business
Topic: Inspections / Submittals — "G" submittals to be reviewed at same time as A/E

G Force continues to perform daily pile installation reports along with soils testing for all trench work

QC Submittal review: concrete additive submittal is under review

Structural Engineer review: pile cap shop drawings are under review

ROICC review: concrete mix designs are under review

4/8/03 QC meeting

Meeting Minutes

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Job 472-B.E.Q.s Naval Station S.D., CA (P-254) **Project # N68711-02-D-8013, T.O. #0001**
 Tel: (619) 296-6247 Fax: (619) 296-0730

QC Meeting Meeting 1

Date	Start	End	Next Meeting	Next Time	Prepared By	Company
4/8/2003	09:00 AM	09:30 AM	4/15/2003	09:00 AM	John Bayardo	Soltek Pacific

Purpose	Location	Next Location	General Notes
Weekly QC Meeting	Soltek Trailer	Soltek Trailer	

Attended By	Non-Attendees
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- J.R. Construction, Inc. - Jesse Ortega
 R.E. Staite Engineering, Inc. - John Drake
 Neal Electric - Philip Linzey
 David Shaposhnick INC - James Christie
 Southwest Division - Southbay Area Focus Team - Shannon Plummer
 Southwest Division - Southbay Area Focus Team - Eric Wolff
 Soltek Pacific - Carl Spiron
 Soltek Pacific - John Bayardo

Item	Meeting	Item Description	Resp	Status	Due Date	Compl'd	Cls'd
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New Business

Normal work hours and days

001-001	6:30am-3:00pm M-F, John Drake from RE Staite indicated that they would consider starting at 6:30am	John Drake (RSE)					No
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Saturday Work

001-002	Notify Soltek by noon, Wednesday prior to any Saturday work	All Subs					No
---------	---	----------	--	--	--	--	----

Request for late work days

001-003	24 hour notice required for all requests for late work days (beyond 5pm). Jesse Ortega with JR Construction will typically be working past 5pm	Jesse Ortega (JRC)					No
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Testing and Inspections

001-004	48 hour notice required for all testing and inspections	All Subs					No
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Off-Site Work

001-005	Off-site work to be preceded by 2 week notice to contracting officer	All Subs					No
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'G' Submittals

001-006	All 'G' Submittals require a minimum of 25 work days to be approved. Shannon agrees that 25 working days is realistic.	All Subs					No
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Meeting Minutes

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Item	Meeting	Item Description	Resp	Status	Due Date	Compl'd	Cl's'd
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New Business**Pile Driving Equipment**

001-007		65 feet minimum between Pile Driving Equipment and other site work is required. John Drake adds, ideally, 100 feet should be standard	All Subs				No
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Cc:	Company Name	Contact Name	Copies	Notes
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	Soltek Pacific	Carl Spiron	1	
	Southwest Division - Southbay Area Focus Team	Eric Wolff	1	
	David Shaposhnick INC	James Christie	1	
	J.R. Construction, Inc.	Jesse Ortega	1	
	Soltek Pacific	John Bayardo	1	
	R.E. Staite Engineering, Inc.	John Drake	1	
	Neal Electric	Philip Linzey	1	
	Southwest Division - Southbay Area Focus Team	Shannon Plummer	1	

QC Meeting 04-08-03

Phone #'s:

Paul Cates Superintendent:	619.525.9932
Keith Moss Superintendent:	619.733.3001
John Bayardo Quality Control:	619.247.9558
Carl Spiron Safety:	760.214.2698
Base Police:	619.556.1808
Art Cuevas Base Phone	619.532.1823
Soltek Pacific Line 1	619.525.9932
Soltek Pacific Line 2	619.525.9973
Soltek Pacific Fax	619.525.9934

- Normal work hours and days 6:30 to 3:00 Monday through Friday
-
- Notify Soltek Pacific by noon on the Wednesday prior to any Saturday work
-
- 24 hour notice required on all requests for late work days (beyond 5 pm)
-
- 48 hour notice required on all testing and inspections
-
- All off site work must be preceded by a two week notice to the Contracting Officer
-
- All "G" submittals require a minimum of 25 work days to be approved
-
- A minimum of 65 feet is required between pile driving equipment and all other site work
prefer ~~100~~ 100'
- Notify Soltek Pacific as soon as any unmarked utility is located
-
- Weekly QC meetings will be on Tuesdays at 9
- *New Safety Env starts Monday*

SAFETY TOPICS

- 1. TAILGATE MEETINGS: WE NEED TO RECEIVE YOU WEEKLY TAILGATE MEETINGS EACH WEEK. PLEASE TURN THEM INTO THE SAFETY OFFICER.**

- 2. SEAT BELTS: WE ARE NOT USING THE SEAT BELTS IN THE EQUIPMENT.**

- 3. DELINEATE EXCAVATIONS: WE NEED TO CONTINUE TO DELINEATE ALL EXCAVATIONS TO PROTECT PERSONNEL AND EQUIPMENT.**

- 4. MECH AND EQUIP CHECKLIST: EVERY TIME WE BRING IN NEW EQUIPMENT WE ARE REQUIRED TO COMPLETE THE FORM.**

- 5. MAJOR ACTIVITY PRE PLANNING: WE ARE REQUIRED TO REVIEW AND PREPLAN ALL MAJOR ACTIVITIES PRIOR TO START. OUR GENERAL SUPERINTENDENT WILL APPROVE ALL AHA PLANS.**

4-8-03 CDS SAFETY SPECIALIST

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 04-04-03
 REPORT NO 29

PHASE CONTRACT NO N68711-02-D-8013 CONTRACT TITLE P-254 Bachelor Enlisted Quarters / 32nd Street Naval Station, San Diego, CA

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY?
 IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST. YES NO

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PERFORMED TODAY?
 IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST. YES NO

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES NO
 WORK COMPLIES WITH SAFETY REQUIREMENTS? YES NO

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
F1215	RE State subcontractor continues to drive concrete piles
S0065	Subcontractor Shaposhnick Plumbing continues to excavate for 10" water main
SE115	Neal Electric removed asphalt from trench line. Excavated for new man hole and set.
SE115	Laborer assisted in cutting down tree, core drilling and removing spoils
F1215	G Force inspector onsite for concrete pile blow count

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

[Signature] 04.21.03
 AUTHORIZED QC MANAGER AT SITE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

[Signature]
 GOVERNMENT QUALITY ASSURANCE MANAGER

25A89



CONTRACTORS PRODUCTION REPORT
(ATTACH ADDITIONAL REPORTS IF NECESSARY)

Date: 04/04/03

Contract No. 0711-02-D-8013 DO #001

Title and Location P-254 BEQ, Naval Station San Diego

Report No. 36

Contractor

Superintendents

Sorek Pacific

Paul Cates, Keith Moss

AM Weather

PM Weather

Max Temp

*F

Min Temp

*F

clear

clear

68

60

WORK PERFORMED TODAY

WORK PERFORMED TODAY	EMPLOYER	NO.	TRADE	HOURS
Supervision	SOLTEK	1	Salty Officer	8
	"	2	Superintendents	18
		1	CQC	11
	CROWN FENCE	1	Foreman	
		1	Helper	
Remove asphalt from trench line, excavate for new manhole and set.	NEAL ELECTRIC	2	Journeyman Electrician	16
general labor, helped with cut down of tree		3	Utility Tech	18
core drilling, moved spoils	SOLTEK F.O.	0	Foreman	
		0	Carpenters	
		1	labores	8
	PITECO'S LANDSCAPING	1	Foreman	
		2	labores	
	IRON HORSE	1	Foreman	
		2	Operator	
		1	Laborers	
staked piles	RBF ENGINEERING	1	Party Chief	8
		0	chainman	8
count pile blows	G-FORCE	1	Soils Tech	8
inspect pile operation			Project Eng./VP	2
Excavate for water Main	DSI PLUMBING	1	Foreman	7
		1	Plumber	
		1	Operator	8
		1	Plumbing Apprentice	8
drove 14 piles	RE STAITE ENG.	1	PD FOREMAN	8
		1	Operator	8
		2	PD	16

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? YES NO
(If YES, attach copy of meeting minutes)

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES NO
(If YES, attach copy of environmental OSHA report)

WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? YES NO
(If YES, attach statement or checklist showing inspection performed)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? YES NO
(If YES, attach description of incident and proposed action)

TOTAL WORK HOURS ON JOB SITE THIS DATE	160
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	2219.75
TOTAL HOURS FROM START OF CONSTRUCTION	2379.75

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

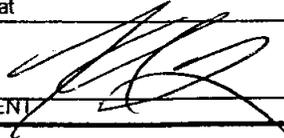
YES SAFETY REQUIREMENTS HAVE BEEN MET

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB
received 11 piles

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY.
1 crane, Delmag hammer spotter leads, 2 Pettibones, 3 backhoes, 3 bobcat

VTS

Keith Moss
SUPERINTENDENT



4-7-03
DATE

CONTRACTORS PRODUCTION REPORT

(ATTACH ADDITIONAL REPORTS IF NECESSARY)

Date: 04/03/03

Contract No.
11-02-D-8013 DO #001

Title and Location
P-254 BEQ, Naval Station San Diego

Report No. 35

Contractor
SOLTEK Pacific

Superintendents
Paul Cates, Keith Moss

AM Weather clear	PM Weather clear	Max Temp 68	*F	Min Temp 60	*F
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WORK PERFORMED TODAY

WORK PERFORMED TODAY	EMPLOYER	NO.	TRADE	HOURS
Supervision	SOLTEK	1	Safety Officer	8
		2	Superintendents	23
		1	CQC	10.5
	CROWN FENCE	1	Foreman	0
		1	Helper	0
Excavate around power and elec. Manholes @ POC. Took ALL DAY due to existing conditions	NEAL ELECTRIC	2	Journeyman Electrician	20
General clean up, trenched for 4" line to connect MWR & Miranda.	SOLTEK F.O.	0	Foreman	20
		0	Carpenters	
		1	labores	8
	PITECO'S LANDSCAPING	1	Foreman	
		2	labores	
	IRON HORSE	1	Foreman	
		2	Operator	
		1	Laborers	
	RBF ENGINEERING	1	Party Chief	0
		0	chainman	0
observed number of blows to piles	G-FORCE	1	Soils Tech	8
			Project Eng/VP	3
Excavate for water main	DSI PLUMBING	1	Foreman	8
			Plumber	8
		1	Operator	8
		1	Plumbing Apprentice	8
Set up drove 5 piles	RE STAITE ENG.	1	PD FOREMAN	8
		1	Operator	8
		2	PD	16

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? YES NO
(If YES, attach copy of meeting minutes)

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES NO
(If YES, attach copy of environmental OSHA report)

WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? YES NO
(If YES, attach statement or checklist showing inspection performed)

WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? YES NO
(If YES, attach description of incident and proposed action)

TOTAL WORK HOURS ON JOB SITE THIS DATE	164.5
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	2055.25
TOTAL HOURS FROM START OF CONSTRUCTION	2219.75

LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

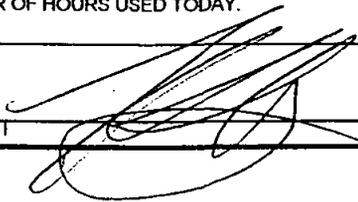
YES	SAFETY REQUIREMENTS HAVE BEEN MET
-----	-----------------------------------

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY.

23F, 963B
NTS

Keith Moss
SUPERINTENDENT



4-4-03
DATE

started 80119 4/23

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 04-23-03
REPORT NO 43

PHASE CONTRACT NO N68711-02-D-8013 CONTRACT TITLE P-254 Bachelor Enlisted Quarters / 32nd Street Naval Station, San Diego, CA

PREPARATORY	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

INITIAL	WAS INITIAL PHASE WORK PREFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	
		Cloudy A.M./ Clear P.M.	
	S0114	DSI- Excavate for sewer main - first report containing this info	
	SE-115	Neal Electric reworking conduits at slab on grade for rebar in Mech. Bldg	
	SE-130	Neal Electric megger tested ground rod at tower crane, written report to follow	
	F1215	RE Staite drove 24 piles	
	F1215	G Force inspector onsite, observed soils, pile blows and rebar	
	1-300	JR Construction layout, wall block outs	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)	
Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.


 AUTHORIZED QC MANAGER AT SITE 05.25.03
 DATE

GOVERNMENT QUALITY ASSURANCE REPORT

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description


 GOVERNMENT QUALITY ASSURANCE MANAGER 06MAY03
 DATE

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 06-16-03

REPORT NO 86

PHASE CONTRACT NO N68711-02-D-8013 CONTRACT TITLE P-254 Bachelor Enlisted Quarters / 32nd Street Naval Station, San Diego, CA

PREPARATORY	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

INITIAL	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #
			7

FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	
	1-347	Neal Electric rough in exterior lights	
	S0111	Soltek Pacific general labor, dug dirt out of mechanical room block out for hydronic sleeves and exposed irrigation piping	
	1-330	G Force inspected reinforced concrete	
	S0114	DSI install excavate and install site sewer 12 line to 1 line. Adjust plumbing to final location.	
	1-330	PCS prefabricate walls and set 6 columns	
	1-330	JR Construction layout, prefab wall forms, screeds and operate tower crane, pour columns	
		RJ Lanthier layout on louvers, check hardware list, marked out lay down area	
S0114	RBF Engineering restaked sewer and storm drain		

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.	
Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

06.26.03
 AUTHORIZED QC MANAGER AT SITE DATE

GOVERNMENT QUALITY ASSURANCE REPORT DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

26 JUN 03
 GOVERNMENT QUALITY ASSURANCE MANAGER DATE

ENCLOSURE (44)

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 06-26-03
 REPORT NO 95

PHASE CONTRACT NO N68711-02-D-8013 CONTRACT TITLE P-254 Bachelor Enlisted Quarters / 32nd Street Naval Station, San Diego, CA

PREPARATORY	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

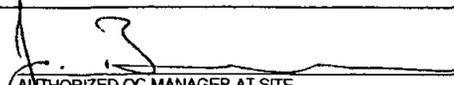
INITIAL	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	
	1-347	Neal Electric pre plan, foremans meeting, jobsite coordination	
	1-330	G Force inspected reinforced concrete	
	S0114	DSI excavate and install site sewer and gas line. Sleeve north wing walls	
	1-330	PCS prefabricate and set walls, finish up elevator walls, cleanup	
	1-330	JR Construction operate tower crane and close up wall panels	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)	
Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.


07.01.03
 AUTHORIZED QC MANAGER AT SITE DATE

GOVERNMENT QUALITY ASSURANCE REPORT DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description


15 JUN 03
 GOVERNMENT QUALITY ASSURANCE MANAGER DATE

PART II - PERFORMANCE EVALUATION OF CONTRACTOR

11. OVERALL RATING (X appropriate box)

OUTSTANDING

ABOVE AVERAGE

SATISFACTORY

MARGINAL

UNSATISFACTORY

12. EVALUATED BY:

a. ORGANIZATION (Name and Address (include Zip Code))

ROICC San Diego
2730 McKean Street Suite 3
Naval Station Building 291
San Diego CA 92136

b. TELEPHONE NO. (include area code)

Commercial: 619-556-6951
DSN: 526-6951

c. NAME & TITLE

Shannon M Plummer
Assistant Engineer in Charge of Construction

d. SIGNATURE

Shannon M Plummer

DATE

11-Sep-03

13. EVALUATION REVIEWED BY:

a. ORGANIZATION (Name and Address (include Zip Code))

ROICC San Diego
2730 McKean Street Suite 3
Naval Station Building 291
San Diego CA 92136

b. TELEPHONE NO. (include area code)

Commercial: 619-556-6155
DSN: 526-6155

c. NAME & TITLE

Janet A Buyson
Contracting Officer

d. SIGNATURE

Janet A Buyson

DATE

15-Sep-03

14. AGENCY USE

ENCLOSURE (2)

PART III EVALUATION OF PERFORMANCE ELEMENTS

N/A-Not Applicable O-Outstanding A-Above average S-Satisfactory M-Marginal U-Unsatisfactory													
	N/A	O	A	S	M	U	N/A	O	A	S	M	U	
15. Quality Control							16. Effectiveness of Management						
a. Quality of Workmanship		X					a. Cooperation & Responsiveness				X		
b. Adequacy of CQC Plan			X				b. Management of Resources & Personnel				X		
c. Implementation of CQC Plan				X			c. Coordination & Control of Subcontractors				X		
d. Quality of QC Documentation		X					d. Adequacy of Site Clean up		X				
e. Storage of Materials		X					e. Effectiveness of Job-Site Supervision				X		
f. Adequacy of Materials		X					f. Compliance w/Laws & Regulations		X				
g. Adequacy of Submittals		X					g. Professional Conduct				X		
h. Adequacy of QC Testing		X					h. Review/Resolution of Subcontracting Issues			X			
i. Adequacy of As-Builts		X					i. Implementation of Subcontracting Plan	X					
j. Use of Specified Materials		X											
k. Identification & correction of Deficient Work in a Timely Manner				X									
17. Timely Performance							18. Compliance With Labor Standards						
a. Adequacy of Initial Progress		X					a. Correction of Noted Deficiencies	X					
b. Adherence to Approved Schedule		X					b. Payrolls Properly Completed & Submitted		X				
c. Resolution of Delays							c. Compliance w/Labor Laws & Regulations w/Specific Attention to Davis-Bacon Act & EEO Requirements			X			
d. Submission of Required Documentation				X									
e. Completion of Punch list Items	X						19. Compliance With Safety Standards						
f. Submission of Updated & Revised Progress Schedules				X			a. Adequacy of Safety Plan		X				
g. Warranty Response	X						b. Implementation of Safety Plan			X			
							c. Correction of Noted Deficiencies		X				

Remarks (Explanation of unsatisfactory evaluation is required. Other comments are optional. Provide facts concerning specific events of action to justify the evaluation. These data must be in sufficient detail to assist contracting officers in determining the contractor's responsibility. Continue on separate sheets if needed.)

This interim evaluation is submitted at approximately 33% of construction by AREICC, Shamon Plummer. This evaluation covers construction only and does not include design evaluation. This project was awarded on 30Jul02; Partnering/PreCon was held 14Jan03. Soltek was granted Partial Notice to Proceed for several areas of construction while the design was being completed, which included golf course modifications, site demolition, site grading, site utilities, and all foundation work. The Full NTP was issued on 28Apr03.

Although tackling their first high rise building, Soltek showed motivation and gathered a highly qualified team of designers and subcontractors to accomplish the task. This is apparent in the overall quality and production seen thus far during construction. There have been several growing pains since the start of construction, which need to be addressed to improve future evaluations of the project.

There is an absence of strong leadership qualities and poor integration of the design team typically found on a job of this magnitude. The partnership anticipated from the Navy does not exist, as there is a breakdown in communication, integrity, professionalism, planning and follow-through from onsite management. This is apparent when the relationship between the ROICC and onsite management is with the QC Manager vice the Superintendent(s) and/or the Project Manager. It is also clearly visible onsite with management of the subcontractors. I addressed this issue early on in the project and Soltek's office management attempted to correct the behaviors, with little success. Soltek is still making management adjustments to guarantee their success on the project. Currently, the main subcontractor (concrete) is driving the project, which compensates for the problems with Soltek's onsite management. All subcontractors work extremely well together. By contract, Soltek's designers should make frequent quality assurance visits and address any field issues, which has been a constant battle since the beginning of construction. The Navy has received one formal field report from one consultant to date. By contract, there should also be an assistant to the QC Manager. This person does not exist, which prevents the OC from spending the amount of time in the field that is expected, from correcting rework items in a timely manner, and from delivering required documentation to the Navy. Paperwork is consistently behind.

I believe Soltek has the ability and the drive to overcome their internal issues and make this project run effortlessly. Office management has been receptive to concerns from the Navy. I am looking forward to changes and improvements for the next evaluation in 6 months.

ENCLOSURE (2)

Base IC/ID inspection results and IC/ID report on facilities constructed after 2002.

Encl (12)

Chichester, Rob A CIV ASWTC San Diego, N45

To: Chichester, Rob A CIV ASWTC San Diego, N45
Subject: RE: One Time Look At All Stormwater Outfalls

From: Kennedy, Peter A CIV
Sent: Monday, November 20, 2006 14:46
To: Chichester, Rob A CIV
Subject: FW: One Time Look At All Stormwater Outfalls

>
>-----
>From: Edson, Mark A CDR
>Sent: Monday, November 20, 2006 14:31
>To: Kennedy, Peter A CIV
>Cc: Gordon, Brian S CIV; Stager, Daryel N CIV; Williamson, Frank D CIV
>Subject: RE: One Time Look At All Stormwater Outfalls

>
>Pete:

>
>All industrial outfalls have been looked at in October with nothing unusual discharging from any of these outfalls. Also, my water guys started looking at all of the non industrial outfalls after I spoke with you and just completed their observations. Two outfalls on the north side of Harbor Drive across from Gate 2 have discharges. In speaking with MACTEC these two outfalls discharge ground water.

>
>There are several over by the athletic complex that we can not observe because all are covered by vegetation.

>
>Vr/mark

>
>-----
>From: Kennedy, Peter A CIV
>Sent: Monday, November 20, 2006 9:42
>To: Edson, Mark A CDR; Ordonio, Archie R CIV VN45RCAO - Compl. Manager, Environmental Department
>Cc: Chichester, Rob A CIV; Gordon, Brian S CIV; Hall, Ed C CIV; Ringor, Rey D CIV; Stager, Daryel N CIV; Wilson, Alan L. CIV NAVREGSW
>Subject: RE: One Time Look At All Stormwater Outfalls

>
>Mark - We should investigate all outfalls with discharge. This means
>contacting Public Works and having them chase down what is coming out
>of the stormwater outfall. I realize that in most cases it will be
>irrigation, but we need to follow through. If a boat is required,
>please let me know how many outfalls we are talking about. We might be
>able to work with Port Ops. - Pete

>
>-----
>From: Edson, Mark A CDR
>Sent: Monday, November 20, 2006 9:38
>To: Kennedy, Peter A CIV; Ordonio, Archie R CIV VN45RCAO - Compl. Manager, Environmental Department
>Cc: Chichester, Rob A CIV; Gordon, Brian S CIV; Hall, Ed C CIV; Ringor, Rey D CIV; Stager, Daryel N CIV; Wilson, Alan L. CIV NAVREGSW
>Subject: RE: One Time Look At All Stormwater Outfalls

